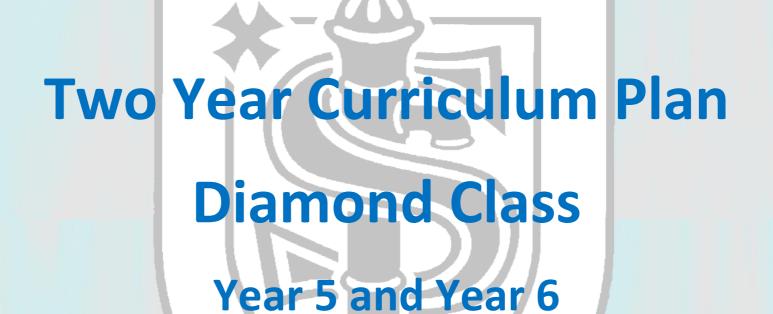
# SPELLBROOK CHURCH OF ENGLAND PRIMARY SCHOOL



**YEAR A** 

Year A	The Sun King	Raging Rivers	Battle across the Skies	Eruption!	Groovy Greeks
Hook/ Question/ Statement	How much did the Ancient Egyptians achieve?	Why was the Nile so important to the Ancient Egyptians?	Why did Germany lose the Battle of Britain?	How does the Earth shake, rattle and roll?	What did the Greeks do for us?
Main Topic Focus	History – Ancient Egyptians.	Geography: Earth Matters (Water Cycle and Rivers)	History (Spring 1)	Geography (Earth matters) Volcanoes	History – Ancient Greeks
History/ Geography	Key knowledge and skills: Study the achievements of the earliest civilisations. Develop a chronologically secure knowledge and understanding of British, local and world history. Note connections, contrasts and trends over time. Develop the use of historical terms. Understand how our knowledge of the past is constructed from a range of sources. Address and devise historically valid questions about similarity, difference and significance.  Vocab: Ancient, civilisation, fertile, shaduf, irrigation, hieroglyps, archaeologists, cartouche, antiquities, scribes, society, seals, sarcophagus, excavation, inscription, papyrus, mummification, achievement.	Key knowledge and skills: name and locate some of the UK's and the world's most significant rivers and mountain environments. Learn about the features of a named river (the River Thames) in the UK, from source to mouth. Learn how rivers and mountains are formed. Identify some of the processes associated with rivers. Understand where rivers and mountains fit into the water cycle.  Vocab: River, stream, valley, mountain, hill, water cycle, flow, infiltration, percolation, source, mouth, estuary, sea, terrain, tributary, confluence, meander, evaporation, condensation, clouds, transpiration, sun, heat, sea, evaporate, water vapour, droplets, (dark) clouds, rain, land, precipitation – rain,	Key knowledge and skills:  Develop a chronologically secure knowledge and understanding of Britain, local and world history, establishing clear narratives within and across the periods they study.  Study an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066 – a significant turning point in British history (The Battle of Britain)  Understand some of the major events leading up to the Battle of Britain, including the countries involved and the role they played.  Develop a familiarity with the location of the countries involved in first year of WW2 by locating them on a map of 1939 Europe.  To understand more of the Luftwaffe's plans for invading Britain and the role Churchill's Few played in winning the battle of the skies.  To become more familiar with the location of the Channel, South East coast of England and some Luftwaffe targets in the UK.  Vocab: Luftwaffe, invasion, evacuation, inspirational, quotes, significant, phoney, air raid, radar, battle, clasp, medal  Develop an understanding of the beginning of WW2, why it started and who were its leaders.  Discuss why it was initially known as the 'Phoney War'.	Key knowledge and skills: Describe and understand the key aspects of volcanoes and Earthquakes Understand that the distribution of earthquakes and volcanoes follows a pattern. Be introduced to plate tectonics., learn about the 'Pacific Ring of Fire'.  Vocab: Earthquake, rock strata, Earth, core, mantle, crust, tectonic plate, plate boundary, tectonics, volcano, crater, cone, vent, eruption, lava, molten, ash plume, caldera, pressure, converge, diverge, active, dormant, extinct, hazard, risk, danger, tsunami, advantages, disadvantages, social, environmental, economic  Chn will describe and	Key Knowledge and skills: Develop the use of historical terms. Address and devise historically valid questions. Understand how our knowledge of the past is constructed from a range of sources. Construct informed responses that involve thoughtful selection and organisation of relevant historical information. Continue to develop a chronologically secure knowledge and understanding of world history. Consistently answer and ask historically valid questions about similarity and difference.  Vocab: Minoan, Mycenaean, Classical, Hellenistic, Roman Greek, city-state, democracy, architecture, empire, culture, terrain, predict, polis, agora, trireme, monarchy, oligarchy,
	Chn will place the Ancient Egyptian civilisation on a	snow and hail, hydrological cycle, map, grid reference,	Role play an evening at home, in an air raid shelter, during August 1940.	understand key aspects of volcanoes; use maps, atlases, globes and	citizens, slaves, suffrage, stadium, Olympic, revival,

world history timeline.
Describe what society was like in Britain at the start of the Ancient Egyptian civilisation.

Describe the terrain and climate of Britain at the start of the Ancient Egyptian civilisation.

Add significant dates & events to a world history timeline.

They will explain where Ancient Egypt was located, label a map of Ancient Egypt and its surroundings., describe Ancient Egypt as being part of the Fertile Crescent (Cradle of Civilisation), describe what society was like at the start of the Ancient Egyptian civilisation.

Describe the terrain and climate of Egypt.

Describe the end of the Ancient Egyptian civilisation; mark on a map of the region where the various invaders came from; research facts.

Constructing the Past

### End of Year 5, expected:

I can understand some features associated with themes, societies, people and events, such as religion and food, but without links and grouping them into themes. I will be able to make some key, upstream, downstream, erode/erosion, transport/transportation, deposit/deposition, percolate/percolation, infiltrate/infiltration, rain/precipitation

Understand and identify the features of the water cycle. Understand and use the vocabulary associated with the water cycle.

Describe and understand key aspects of physical geography, including rivers and the water cycle.

Demonstrate that changes of state are reversible changes. Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose. Produce creative work, exploring their ideas and recording their experience. Chn will explain that the Ancient Egyptians settled along the banks of the River Nile.

Describe two gods associated with the river and its animals. Locate Egypt and the River Nile on maps.

Nile on maps.

Describe the climate of Egypt.

Work as a group to produce a large-scale map of Ancient
Egypt and the River Nile.

Understand that evidence of
Ancient Egypt can still be seen

Begin a class collage of memories and research notes inside the classroom air-raid shelter.

### **Geography: Mountains (Spring 2)**

**Key knowledge and Skills:** Identify and name the types of mountains.

Understand how mountains are formed. Explain the differences between the formations of the different types of mountains.

Vocab: Glacier, scree; named mountain ranges/chains, including Himalayas, Andes, Atlas, Rockies, Pyrenees, Alps, Great Dividing Range, Urals, Appalachians, North West/Scottish Highlands, Tianshan, Snowdonia, Drakensburg, Antarctic Mountains

Describe and understand key physical geographical aspects of mountains. Use maps, atlases and globes to locate continents and countries and their mountains/mountain ranges.

Create a class world map of key mountains and mountain ranges across the world, with key facts about each.

Retrieve, record and present information from non-fiction sources on mountains, mountain formation and famous mountain expeditions. Explain and discuss their understanding of what they have read, to create a storyboard and freeze-frame drama of a famous mountain expedition (Sir Edmund Hilary, Bear Grylls etc.). Gain an understanding of mountain climates and how climate change and humans impact on the mountain environment. Explore how being an eco-tourist can reduce this effect.

# Change and Development End of Year 5, expected:

I can independently and confidently provide a

digital/computer mapping to locate countries and describe features studied understand how tectonic plates work; identify the layers of the earth and how volcanoes are formed: draw on knowledge of the Earth's layers to construct a cross section of the Earth; discuss what happens on the edge of a plate and where plates are located in the world; identify the Ring of Fire and discus why it exists; Study the features of extinct, dormant and active volcanoes.

Locational Knowledge

I can use an atlas to locate volcanoes and locations of earthquakes and describe the position of the Pacific Ocean, mountain chains, etc.

# Human and Physical Geography

End of Year 5, expected:
I can describe how physical
processes can cause hazards

to people.

I can use simple geographical vocabulary to describe significant physical features and talk about how they change.

marathon, myth, temple, priest, hoplite, phalanx (strong block formation), interpret, legacy, impact.

Chn will:

Continue to develop a chronologically secure knowledge and understanding of Britain, local and world history, establishing clear narratives within and across the periods they study. Gain and deploy a historicallygrounded understanding of abstract terms such as 'empire' and 'civilization'; understand Ancient Greece, Greek life, their achievements and influence on the western world; construct informed d; responses that involve thoughtful selection and organisation of relevant historical information. Understand how our knowledge of the past is constructed from a range of sources; understand the methods of historical enquiry, including how evidence is used rigorously to make historical claims; understand how our knowledge of the past is constructed from a range of sources. Construct informed responses that involve thoughtful selection and organisation of

relevant historical

reference to and identify links with other societies studied.

### End of Year 6, expected:

I can provide overviews of the most significant features of different themes, individuals, societies and events covered.

I will begin to make links and group them into themes, e.g. social, cultural.

I will be able to make links with themes in other societies studied.

in Egypt today. You will appreciate that the effect of the River Nile has been changed by the construction of the Aswan High Dam and contribute to a debate about the construction of the Aswan High Dam.

Locational Knowledge

I can locate and label the main British rivers on a map of the British Isles and add the names of settlements at the mouth of the rivers.

I can describe a river and mountain environment in the UK, using appropriate geographical vocabulary.

Human and Physical Geography

### End of Year 5, expected:

I can describe how physical processes can cause hazards to people.

I can describe some advantages and disadvantages of living in hazard-prone areas.

I can use simple geographical vocabulary to describe significant physical features and talk about how they change.

comprehensive list of the changes within the period studied.

I can independently provide valid reasons why some changes and developments were of particular importance within the particular UKS2.

I will be able to identify a range of links between the various changes.

I can provide insightful ideas about whether some things did not change very much within a period and why this occurred.

### End of Year 6, expected:

I can compare similarities, differences and changes within and across topics, e.g. in terms of importance, progress or the type and nature of the change, e.g. provide some similarities and differences affecting differing locations within the world wars.

I will be able to confidently identify a range of links between the various changes, e.g. the change in women's roles during the war with changes in women's rights.

I will begin to understand and explain how some of the changes were exceptional or commonplace, e.g. as part of the impact of the war on their locality.

### Cause and Effect End of Year 5, expected:

I can explain the role of different causes and effects of a range of events and developments.

I can place the causes and/or effects in an order of significance and explain why they are arranged in this order.

I can describe some advantages and disadvantages of living in hazard-prone areas.

### End of Year 6, expected:

I can give reasons why physical processes can cause hazards to people, e.g. flooding, earthquakes, etc.

I can describe some advantages and disadvantages of living in hazard-prone areas.

I can use simple geographical vocabulary to describe significant physical features and talk about how they change.

I can describe a volcano, volcanic eruption and an earthquake (e.g. make a working model of a volcano, label its features and explain what happens when it erupts).

# Geographical skills and fieldwork

I can use the zoom function of a digital map to locate places (e.g. global rivers and mountain ranges, locations of earthquakes and volcanoes). information.

Locate the world's countries, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities.

Describe and understand key aspects of physical geography and human geography. Present the human and physical features in the local area using a range of methods. Continue to develop a chronologically secure knowledge and understanding of Britain, local and world history, establishing clear narratives within and across the periods they study. Gain and deploy a historicallygrounded understanding of abstract terms such as 'empire' and 'civilization'; understand Ancient Greece. Greek life, their achievements and influence on the western world.

### End of Year 6, expected:

I can use simple geographical vocabulary to describe significant physical features of rivers and talk about how they change.

I can describe a river and mountain environment in the UK, using appropriate geographical vocabulary.

I can describe the water cycle in sequence, using appropriate vocabulary, and name some of the processes associated with rivers and mountains.

I can give reasons why physical processes can cause hazards to people.

I can describe some advantages and disadvantages of living in hazard-prone areas.

I can use simple geographical vocabulary to describe significant physical features and talk about how they change.

Geographical skills and fieldwork

I can describe maps of the local area, using appropriate

I can make a link between the causes or effects of events within one period with those of another.

### End of Year 6, expected:

I can independently provide a comprehensive list of valid detailed reasons why events took place and the effects of those events, e.g. how the World Wars had an impact on their locality.

I will be able to order these causes and/or effects into a hierarchy of significance and will comment insightfully on why they have selected this order.

I will be able to make a number of valid links between why certain events occurred in the period studied and events taking place in other periods or locations, or note how effects of events could be similar.

I may be able to identify some of the causes as long or short-term triggers and how some effects can be immediate and others long term.

# Planning and Carrying out a historical Enquiry End of Year 5, expected:

I can confidently and independently devise significant historical enquiries based on a broad range of valid questions.

I can answer the questions in detail using a broad range of relevant and varied sources to support points made.

My work is clearly structured with contrasting viewpoints considered.

I will use the evidence to reach a valid and substantiated overall conclusion.

I will use a broad range of relevant historical

geographical vocabulary and conventions (e.g. grid references, compass directions).

In a group, I can carry out fieldwork in the local area selecting appropriate techniques (e.g. to create a river in the playground using natural materials, use a watering can to form the river, observe and record what happens to the water over different materials, take photographs and label with key river features and processes).

terms throughout.

I will follow a clear structure appropriate for presenting an argument.

I will work independently and with confidence.

I will begin to critically evaluate my enquiry and consider possible ways in which it could be improved or developed.

### End of Year 6, expected:

I can independently plan and produce quality, detailed responses to a wide range of historical enquiries.

I will make reference to appropriate evidence from a wide range of complex, varied sources studied within the sessions and also from my own research to produce a structured argument to answer the sub-question and build towards reaching an overall conclusion.

I will reach a valid overall conclusion, e.g. 'Which of the world wars had the greater impact on their community?' with clear reference made to the preceding arguments and evidence.

I will confidently use a broad range of challenging, relevant historical terms throughout.

I will critically evaluate my enquiry and consider ways in which it could be improved or developed.

# Using sources as evidence. End of Year 5, expected:

From a range of sources provided, I can accept and reject sources based on valid criteria when carrying out particular enquiries.

I can explain why I have made that selection,

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possibly with some references to utility and reliability.

### End of Year 6, expected:

I can comment with confidence on the value of a range of different types of sources for enquiries, including extended enquiries, e.g. can select and reject appropriate sources to exemplify the impact of the wars from those studied within the unit.

I will explain confidently why I have made that selection, referring to both utility and reliability and considering the purpose, audience, accuracy and how the source was compiled.

### Mountains

### **Locational Knowledge**

I can describe key physical and human characteristics and environmental regions of Europe.

I can locate and describe several physical environments in the UK, e.g. coastal and mountain environments, and how they change (e.g. season to season).

### **Human and Physical Geography**

I can describe and understand a range of key physical processes and the resulting landscape features.

I can describe how a mountain region was formed.

I can describe and begin to explain hazards from physical environments and their management, such as avalanches in mountain regions.

I can recognise different natural features such as a mountain and describe them using a range of

English	Hatsheput Egypt – Non-	The Nowhere Emporium –	key vocabulary.  Geographical Skills and Fieldwork I can use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied. I can use the zoom function of a digital map to locate places.  One Small Step by Taiko Studios – Narrative	Screen use – balanced	Emperor Penguins – non
Engusii	Fiction Biography  The Fantastic Flying Books of Mr Norris Lessmore – Narrative Fantasy	Narrative Story  Goldilocks – Non-Fiction  Newspaper Report	Adventure  Letters from the Lighthouse – Non- fiction Recount  Rose Blanche – Narrative story  Kick – persuasive letter	argument  I believe in Unicorns - Narrative	chronological report  A Monster Calls – Narrative
Class Read Depending on length of book may need to tweak)	Secrets of the Sun King – Emma Carroll	The Star Spun Web	Letters from the Lighthouse – Emma Carroll	Wonder – R J Palacio	Who let the God's Out? Maz Evans
Maths	Year 5 Number and place value Number – addition and subtraction Number – multiplication and division  Year 6 Number and place value Four number operations	Year 5 Statistics Number – multiplication and division Measurement  Year 6 Fractions Geometry	Year 5 Fractions – including decimals and percentages Division with remainders  Year 6 Number – fractions including decimals and percentages Algebra Measurement	Year 5 Number – fractions Geometry – properties of shapes  Year 6 Measurement Ratio and Proportion	Year 5 Geometry – position and direction Measurement  Year 6 Geometry Number and place value Statistics
Science	Animals including humans – healthy bodies Key knowledge and skills: Children build on learning from Years 3 and 4 about	Animals including humans – evolution and inheritance. Key knowledge and skills: Building on what they learned about fossils in Year 3, chn	Earth and Space Out of this world!  Key knowledge and skills: Children will learn about space. Starting with the Solar System, they	Living things and their habitats - classification Key knowledge and skills: Children build on their	Forces  Key knowledge and skills: In this topic children learn about

the main body parts and internal organs (skeletal, muscular and digestive system). It considers life processes that are internal to the body, such as the circulatory system. The impact of lifestyle on bodies, particularly of humans, is also considered. Scientists are continually finding out what is good and bad for us, and their ideas do change as more research is carried out.

Vocab: addiction, aorta, artery, atrium, blood, capillaries, carbon dioxide, circulatory system, deoxygenated, oxygenated, exercise, heart, lungs, nicotine, oxygen, pulse, respiration, vein, ventricles

Identify and name main parts of human circulatory system; describe functions of heart, blood vessels and blood; recognise impact of diet, exercise drugs and lifestyle on the way their bodies function.

I can identify and name the main parts of the human circulatory system.
I can describe the function of the heart, blood vessels and blood.

I can discuss the impact of

living things have changed over time. They are introduced to the idea that characteristics are passed from parent to their offspring, but that they are not exactly the same. They should also appreciate that variation over time can make animals more or less likely to survive in particular environments (adaptation). Children look at evolution and Charles' Darwin's theory of natural selection, as well as palaeontologist Mary Anning's work with fossils.

will find out more about how

**Vocab**: adaptation, dinosaur, evolution, fossil, inherited, natural selection, prehistoric, variety

Recognise how things have changed over time; fossils; recognise that living things produce offspring of the same kind but normally offspring vary; identify how animals and plants are adapted to suit their environment in different ways.

I can describe how the earth and living things have changed over time. I can explain how fossils can be used to find out about the past. I can explain about look next at how ideas about space have changed over time before they explore what causes us to experience night and day on Earth.

**Vocab:** daytime, geocentric, helio-centric, night-time, orbit, planet, solar system, star, sun, time-zone

Describe the movement of the Earth and the moon relevant to the Earth; describe the Sun, Earth and Moon as approximately spherical bodies; use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky.

I can describe and explain the movement of the Earth and other planets relative to the Sun. I can describe and explain the movement of the Moon relative to the Earth.

I can explain and demonstrate how night and day are created.

I can describe the Sun, Earth and Moon (using the term spherical)

### Working scientifically

I can explain a conclusion from an enquiry. I can explain causal relationships in an enquiry. I can relate the outcome from an enquiry to scientific knowledge in order to state whether evidence supports or refutes an argument or theory.

I can read, spell and pronounce scientific vocabulary accurately.

learning about grouping living things in Year 4 by looking at the classification system in more detail. The topic is divided into two units, Chn first revisit their knowledge of classification and creating keys, before developing their knowledge by looking at fungi and bacteria. Children also look at the work of Carl Linnaeus. the scientist who first made important the function of naming and classifying to 'identify' organisms.

Vocab: amphibian, bacteria, bird, fauna, fermentation, fish, fungi, genus, insect, invertebrate, mammal, microbe, mushrooms, organism, reptile, species, toadstool, vertebrate

Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences; give reasons for classifying plants and animals based on specific characteristics;

I can classify living things into broad groups according to observable characteristics and based on similarities & differences.

I can describe how living

forces and machines. They start with the force of gravity then study friction forces, including air and water resistance, before investigating how simple machines work.

**Vocab**: air resistance, force meter, friction, gravity, Newton, non-contact force, reliable, water resistance, weight

Explain that unsupported objects fall towards the Earth because of the force of gravity; identify the effects of air resistance water resistance and friction act as between moving surfaces.; recognise that some mechanisms, including levers, pulleys and gears allow a smaller force to have greater effect.

I can explain what gravity is and its impact on our lives. I can identify and explain the effect of air resistance. I can identify and explain the effect of water resistance. I can identify and explain the effect of friction. I can explain how levers, pulleys and gears allow a smaller force to have a greater effect.

Working scientifically

diet, exercise, drugs and life style on health. I can describe the ways in which nutrients and water are transported in animals, including humans.

I can record data and results

### Working scientifically

using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs.
I can use the outcome of test results to make predictions and set up a further comparative fair test I can report findings from enquiries in a range of ways. I can explain a conclusion from an enquiry.

reproduction and offspring (recognising that offspring normally vary and are not identical to their parents). I can explain how animals and plants are adapted to suit their environment. I can link adaptation over time to evolution. I can explain evolution.

### Working scientifically

I can explain a conclusion from an enquiry.
I can explain causal relationships in an enquiry.
I can relate the outcome from an enquiry to scientific knowledge in order to state whether evidence supports or refutes an argument or theory.
I can read, spell and pronounce scientific

vocabulary accurately.

things have been classified. I can give reasons for classifying plants and animals in a specific way.

### Working scientifically

I can plan different types of scientific enquiry. I can control variables in an enquiry. I can measure accurately and precisely using a range of equipment. I can record data and results using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs. I can use the outcome of test results to make predictions and set up a further comparative fair test I can report findings from enquiries in a range of ways. I can explain a conclusion from an enquiry. I can read, spell and

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I can read, spell and pronounce scientific vocabulary accurately

Key Vocab

### Judaism introduction

Symbolic ways of expressing meaning

Celebrations, key events in life and pilarimage

Key Vocab

Diversity, Jewish, Torah, yad, synagogue, Shabbat

Exploring the incarnation through Christmas story 2b.4 Was Jesus the Messiah? Key Vocab

Prophecy, Messiah, evidence, Interpretation, expectations

Exploring the incarnation through the Christmas story

I can describe, make connections and reflect on

Communicating beyond prayer and sacred spaces
Belonging to a community, individual commitment
and religious leadership

Exploring themes in the Easter story

2b.7 What difference does the resurrection make to Christians?

Key Vocab:

Stillness, shema, Passover, Shabbat, Kosher, Crucifixion, Sacrifice, transfiguration, testimonies, hymn, reassurance

Identity and belonging; Prayer, worship and

Sacred texts and stories, their guidance and impact Kingdom of God 2B.8 What kind of king is Jesus?
Taking responsibility for living together, the world, values and respect.
2b.5 What would Jesus do?
Key Vocab
Kingdom (of God),

consequence, wisdom,

pronounce scientific

vocabulary accurately

gods, creation and ultimate questions.

2b.1 What does it mean if God is holy and loving?

Reflecting on ethics, what is right and wrong, just and fair?

People of God 2b.3 How can following God bring freedom and justice?

Different ideas about God and

Beliefs and practices;
Symbols and actions;
Identity and belonging
Judaism Introduction
Celebrations, key events in
life and pilgrimage
Symbolic ways of expressing
meaning

I can describe, make connections and reflect on some religious and worldviews studied, using specific religious vocabulary about how celebrations and key moments in life are marked by different communities.

I can compare how and why a range of beliefs expression and actions communicate different meaning to individuals within communities. Identify and describe similarities and differences between and within communities. I can show and express insights into the challenges of individual commitment. belonging and faith. Raise questions on guidance and leadership in their own and others' lives.

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I can compare how and why a range of beliefs expression and actions communicate different meaning to individuals within communities. Identify and describe similarities and differences between and within communities. I can show and express insights into the challenges of individual commitment. belonging and faith. Raise questions on guidance and leadership in their own and others' lives

reflection Ultimate questions;(Symbols and actions)

Belonging to a community, individual commitment and religious leadership Communicating beyond prayer and sacred spaces Exploring themes in The Easter story.

I can show and express insights into the challenges of individual commitment, belonging and faith. Raise questions on guidance and leadership in their own and others' lives. I can demonstrate through enquiry and experience, worshippers' connection to prayer, faith and sacred spaces.

I can Present a range of views and answers to challenging questions about belonging, meaning and truth

I can compare how and why a range of beliefs expression and actions communicate different meaning to individuals within communities. Identify and describe similarities and differences between and within communities.

wellbeing, Tikkun Olam
I can of wisdom; Human
responsibility and values

Ethical, the divine, perspective,
Charitableness, Tzedekah

Justice and fairness:

Sacred texts and stories.

Taking responsibility for

values and respect.

I can show awareness.

range of stories, sacred

writings and sources of

within different

communities and on

individual believers.

communities can live

together identifying

responsibility.

wisdom, recognising and

understanding the impact

I can explain how diverse

common values, justice,

I can use personal and

I can evaluate and ask

challenging questions

others ideas about

moral choices.

applying their own and

responsibility and what is right and wrong, considering possible effects of different

challenge how individual

and collective responsibility

is shaped by faith and belief.

critical responses to

respect and shared human

their guidance and impact

living together, the world,

respond to and interpret a

Reflecting on ethics, what is right and wrong, just and fair Different ideas about God and gods, creation and ultimate questions

I can show awareness, respond to and interpret a range of stories, sacred writings and sources of wisdom, recognising and understanding the impact within different communities and on individual believers. I can explain how diverse communities can live together identifying common values, justice, respect and shared human responsibility. I can use personal and critical responses to challenge how individual and collective responsibility is shaped by faith and belief. I can evaluate and ask challenging questions applying their own and others ideas about responsibility and what is right and wrong, considering possible effects of different moral choices.

Art / DT

Art / D&T -

Drawing faces in pencil, modelling masks in paper mache, make a double Art – artists in history; watercolour wildlife birds. / Henri Rousseau sketching. **Art** – Blitz skylines, make a Battle of Britain clasp – the service medal awarded to 'The Few', to use watercolours to paint a picture of the events of the Dunkirk evacuation.

**Art**: Understand adaptations of living things by studying closely and sketching.

Art – Greek clay pots and tiles

I can improve my mastery of art and design techniques,

crown (Pschent) of Ancient Egypt.

Key vocab: observation, photographs, visual images Lines Marks, Tone, Form and Texture; lines, patterns, shapes within a drawing, wet media, a, tonal contrast, mixed media, shading, hatching, blending,

# D&T: Textiles - shopping bag

**Key Vocab:** seam, seam allowance, wadding, reinforce, right side, wrong side, hem, template, pattern pieces name of textiles and fastenings used, pins, needles, thread, pinking shears, fastenings, iron transfer paper design criteria, annotate, design decisions, functionality, innovation, authentic, user, purpose, evaluate, mock-up, prototype

Generate ideas and research a design. Develop. Model, and communicate ideas through talking, drawing, templates, mock-ups and prototypes. Design purposeful, functional, appealing I can improve my mastery of art and design techniques, including drawing, painting and sculpture with a range of materials.

Key vocab:
observation, photographs,
visual images Lines Marks,
Tone, Form and Texture; lines,
patterns, shapes within a
drawing, wet media, a, tonal
contrast, mixed media,
shading, hatching, blending,
Perspective and Composition:
perspective, single focal point,
horizon, composition, scale,
foreground, middle ground,
background

# D&T: Gingerbread house (Food tech)

**Evaluate** – a range of housing designs and ho they have been constructed. **Develop** a template from a net to work out how the pieces will fit together. **Sketch** and label their designs with measurements included. Make their gingerbread houses and decorate them. Consider the functional properties of the materials they are using (eg are they strong enough, how will they be stuck together? Evaluate and give constructive feedback to others.

Space Art using chalks (Abstract Artist Peter Thorpe)

I can improve my mastery of art and design techniques, including drawing, painting and sculpture with a range of materials.

### Key Vocab:

Sketchbooks, record, observation, review, revisit, improve, design techniques, materials Colour: mix and match, atmosphere, light effects, flesh, identify primary secondary and complementary colours, wet, dry, watercolours, imagination

**D&T**: Produce models of the five different types of mountain (dome, volcanic, plateau, faultblock, fold) for groups with explanations of how each are formed.

Create their own model of a mountain/range, using the knowledge of mountains and mountain ranges they have gained so far. (Modroc)

Looking at paintings e.g. Turner and the Quechuan artists of Tigua, Ecuador; creating own paintings and a (working) model of volcano.

I can improve my mastery of art and design techniques, including drawing, painting and sculpture with a range of materials.

### Key Vocab:

Sketchbooks, record, observation, review, revisit, improve, design techniques, materials Colour: mix and match, atmosphere, light effects, flesh, identify primary secondary and complementary colours, wet, dry, watercolours, imagination Record, materials, observations, review, revisit, improve, design techniques, intricate patterns, textures, malleable, clay, slabs, coils, slips, ma clay, slabs, coils, slips, materials, sculptures

**D&T** – design and build a moving mechanism using levers and pulleys. Key Vocab: pulley, drive belt, gear, rotation, spindle, driver, follower, ratio, transmit, axle, motor

including drawing, painting and sculpture with a range of materials.

### Key Vocab:

Record, materials, observations, review, revisit, improve, design techniques, intricate patterns, textures, malleable, clay, slabs, coils, slips, ma clay, slabs, coils, slips, materials, sculptures

### D&T – Greek foods Celebrating culture (falafel and baklava)

Generate ideas and research a recipe.

Write a step by step recipe including ingredients, equipment and utensils.
Carry out sensory evaluations and decorate and present.
Evaluate final product using key vocabulary:

Food: Celebrating culture
Topic: Ancient

Greece
ingredients, yeast,
dough, bran, flour,
wholemeal,
unleavened, baking
soda, spice, herbs
fat, sugar,
carbohydrate,
protein, vitamins,

nutrients, nutrition,

dairy.

healthy, varied,

gluten,

products for intended user. Evaluate product design. I can investigate and analyse a range of existing products.
I can use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups.

I can generate, develop, model and communicate their ideas through discussion, annotated sketches, crosssectional and exploded diagrams, prototypes, pattern pieces and computer-aided design.

I can select from and use a wider range of tools and equipment to perform practical tasks, such as cutting, shaping, joining and finishing, accurately.
I can select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.

I can evaluate my ideas and products against my own design criteria and consider the views of others to improve their work. circuit, switch, circuit
diagram
annotated drawings,
exploded diagrams
mechanical system,
electrical system, input,
process, output
design decisions,
functionality, innovation,
authentic, user, purpose,
design specification, design
brief

I can investigate and analyse a range of existing products. I can use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups.

I can generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design. I can select from and use a wider range of tools and equipment to perform practical tasks, such as cutting, shaping, joining and finishing, accurately. I can select from and use a wider range of materials and components, including construction materials,

allergy,
intolerance, savoury,
source, seasonality
utensils, combine,
fold, knead, stir,
pour, mix, rubbing in,
whisk, beat, roll out,
shape, sprinkle,
crumble
design specification,
innovative, research,
evaluate, design brief

I can investigate and analyse a range of existing products.
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I can select from and use a wider range of materials and components, including

### PF **Ouicksticks** I can control the ball in different directions. I can pass with control and move into a space. I can tackle a player with control and time it correctly to win the ball. I can mark an opponent with success and organise others in my team. I can hit a moving ball into a goal from different angles with increasing accuracy. I can take on a leadership role when working with a team and can evaluate and improve performance. Key Vocab: Dribble, stick, rotate, pass, control, accuracy, possession, teammates, pitch, block tackle, timing,

### Gymnastics

with control, body tension, fluency and pointed toes. I can consistently perform a Troll and a side star with precision, control and fluency. I can perform a point and patch balance sequence with good body tension, precision, control and fluency. I can perform a cartwheel with precision, control, fluency, and straight legs and pointed toes. I can perform a hurdle step with a short run up on a springboard showing speed, control and fluency. I can perform a squat on, squat off onto a box with a run up showing good control, fluency and precision.

I can perform jumps and leaps

### Football

I can stop a ball using the sole, inside and outside of the foot when moving.

I can play a longer pass off the ground with accuracy.

I can dribble a ball using feet and perform a turn away from a defender.

I can kick a moving ball past a goal keeper from different angles with some success.

I can evaluate and recognise success when to help when improving performance.

### Key Vocab:

Control, inside and outside foot, tackle, pass, accuracy, teamwork, player, goal, lofted pass, kick, dribble, defender, intercept, attackers, match, goalkeeper, angle, football

textiles and ingredients, according to their functional properties and aesthetic qualities.

I can evaluate my ideas and products against my own design criteria and consider the views of others to improve their work. construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.

I can evaluate my ideas and products against my own design criteria and consider the views of others to improve their work.

### **Athletics**

I can accelerate quickly with speed and control.
I can throw a javelin / vortex with height and distance.
I can perform a jump with distance and control.
I can push a tennis ball / shot put with height and distance.
I can pass and receive a

I can pass and receive a relay baton with good control in a competitive situation.

Key Vocab:
Accelerate, distance, speed, control, distance, movement, sprint, jog, javelin, vortex, height, rotate, stance, jump, control, balance, pace, technique, triple jump, shot, track, relay baton, timing,

### Rounders

I can work in a team and field a ball effectively. I can and catch and throw the ball, sometimes making the correct decisions in a game situation I can throw the ball sympathetically to others and make good decisions in a game situation (attempting to catch others out) I can throw and catch making correct tactical decisions having an impact in a game situation (catching others out) I can bat a ball using a rounders bat I can bat the ball with confidence and begin to hit it in different directions I can bat with confidence and hit it in a variety of directions I can field the ball using long

balance, strength,	Key Vocab:	competitive, stop watch	barrier and attempting the
Quicksticks, defender	Shape, control, flexibility,	competitive, stop water	run and scoop
Quicksticks, deterrider	jumps, tuck, pike, leap, side		I can field the using the run
	star roll, t-roll, point and		and scoop and throw to
	patch balance, apparatus,		another player on my team
	springboard, sequence,		I can field the ball, moving
	scissor kick, cat leap, vault		into position scooping and
	scissor kick, cat leap, vauit		throwing it accurately to
			another player
			I can show a variety of the
			batting and fielding skills I've
			learnt and work as part of a
			· · · · · · · · · · · · · · · · · · ·
			team I can show a variety of the
			l
			batting and fielding skills I've
			learnt and work as part of a
			team, encouraging and
			helping others
			I can show a wide variety of
			the batting and fielding skills
			I've learnt and work as part of
			a team, taking on a leadership
			role, encouraging and helping
			others.
			I can show a variety of the
			batting and fielding skills I've
			learnt and work as part of a
			team
			I can show a variety of the
			batting and fielding skills I've
			learnt and work as part of a
			team, encouraging and
			helping others
			I can show a wide variety of
			the batting and fielding skills
			I've learnt and work as part of
			a team, taking on a leadership
			role, encouraging and helping
			others
			Key Vocab:
			Ney VOCAD:

					Batting, fielding, team, skills, impact, catch, bat and ball, backstop, bowler, fielder, base, underarm, hit, direction
Music Planned and taught by Mrs White (First Access Music Services)	Violins, cellos, double base, violas  Key Vocab for Year 5 (A/B) Rock, bridge, backbeat, amplifier, chorus, bridge, riff, hook, improvise, compose, appraising, Bossa Nova, syncopation, structure, Swing, tune/head, note values, note names, Big bands, pulse, rhythm, solo, ballad, verse, interlude, tag ending, strings, piano, guitar, bass, drums, melody, cover, Old-school Hip Hop, Rap, riff, synthesizer, deck, backing loops, Funk, scratching, unison, melody, cover, pitch, tempo, dynamics, timbre, texture, Soul, groove, riff, bass line, brass section, harmony, melody.  Intro to instruments Pizzicato technique Simple pieces using two stringed instruments Introduction how to hold bow Song using soh – mi Songs using do – soh Listening: Stringed instruments Yr 6 Ext: Change of	Violins, cellos, double base, violas  Key Vocab Yr 6 (A/B)  style indicators, melody, compose, improvise, cover, pulse, rhythm, pitch, tempo, dynamics, timbre, texture, structure, dimensions of music, Neo Soul, producer, groove, Motown, hook, riff, solo, Blues, Jazz, improvise/improvisation, by ear, melody, riff, solo, ostinato, phrases, unison, Urban Gospel, civil rights, gender equality, unison, harmony  Bow hold, simple pieces using up to two strings, bow circles, songs using call and response, songs using internal voice Listening: Baroque  Yr 6 Ext: More complex bowing patterns, improved tonal quality, maintaining individual part. Listening: identification of instruments from specific families.	Recap of technique Pieces using more strings and combining pizzicato and arco Intro other sounds such as col legno, tremolo and glissando. Play pieces using open strings and first finger. Songs: Combining partner songs and songs with more than one part. Listening: Classical (symphony, concerto); Romantic (orchestration/conveying stories/types of sound) Year 6 Ext: fluency with technique, improved tonal quality	Violins, cellos, double base, violas Introduction of more fingers to play a wider range of pitches. Play simple pieces using D E F #G (can introduce pitch and notation at this point) Preparation for performance 2 to 4 songs and pieces Listening: dictated by class interest (previously film music, women composers, music of the late 20 <sup>th</sup> and 21 <sup>st</sup> century) Yr 6 Ext: Pitch notation	Violins, cellos, double base, violas Introduction of more fingers to play a wider range of pitches. Play simple pieces using D E F #G (can introduce pitch and notation at this point) Preparation for performance 2 to 4 songs and pieces Listening: dictated by class interest (previously film music, women composers, music of the late 20th and 21st century) Yr 6 Ext: Pitch notation

instruments
Modelling to Year 5
Musical vocab: dynamics,
pitch, rhythm, timber,
instrument specific vocab

### Computing

### Coding

# Unit 6.1 Design more complex programme using functions and user input. Use flowcharts to test and

debug Y5

I can make more complex reallife problems into algorithms I can convert algorithms that contain sequence, selection and repetition into code that works.

I can use sequence, selection, repetition, and some other coding structures in my code. I can organise my code carefully for example, naming variables and using tabs I can test and debug my programs as I work.

I can turn a complex programming task into an algorithm. (6.1)

I can translate algorithms that include sequence, selection and repetition into code

I can decompose aspects of a programming task in a logical way,

I can test and debug my program as I work on it I can identify a specific line of code that is causing a problem and attempt a fix.

I can use inputs and outputs within my coded programs such

# Online Safety Unit 5.2 Sharing digital content safely and securely

Plus Projectevolve.co.uk – online reputation

Y5

I can explain what personal information is and know strategies for keeping this safe. (5.2)

I have a secure knowledge of online safety rules taught at school. (5.2 & across units)
I can demonstrate the safe and respectful use of different online technologies and online services. (5.2 & across units)

I always relate appropriate online behaviour to my right to have personal privacy. (5.2 & across units)

I can describe actions someone could take if they experience or are targeted by illegal online behaviour.

I know how to not let my mental wellbeing or others be affected by use of online technologies and services. (5.2 & across units)

I can use critical thinking to help me stay safe online. (6.2) I know the value of protecting my privacy and others online. (6.2, 6.4)

I can explain why things one person finds funny or sad online may not always be seen in the same way by others. I can explain why people need to

### **Spreadsheets Unit 6.9**

### Microsoft Excel

Create a spreadsheet to answer a mathematical question, create a formula. Model a real-life situation and come up with solutions that can be applied to real life.

Y5

I can work collaboratively with others creating solutions to problems

I can choose apps and software for different tasks and explain my choice

Y6

I can choose apps and software for different tasks
I can consider the intended audience carefully when I
design and make digital content

I can use criteria to evaluate the quality of my own and others digital solutions, suggesting refinements.

Vocab: formula, spreadsheet, solutions

### **Blogging**

### Unit 6.4: Programs - 2Blog

Design and create own online blogs. (6.4) Y5

I can understand how a blog can be used in an informative text.

I can work collaboratively with others to create a blog I can comment and respond on other's blogs.

I can consider the intended audience carefully I can use criteria to evaluate the quality of my own and others blogs

**Vocab**: informative, text, blog, impact, effectiveness

### Text adventures Unit 6.5

**Programs** – 2Code,

2Connect

Describe what a text adventure is – use 2Create story Adventure mode to create, test and debug using their plan. Map out an existing text adventure. Create own based upon a

Create own based upon a map. Use coding concept of functions

**Y5** 

I can make more complex reallife problems into algorithms I can consider the intended audience carefully when I design and make digital content Y6

I can make appropriate improvements to digital work I have created I can test and debug my program as I work on it

**Vocab**: sequence, consequence sprites, function, concept map

### Networks.Unit 6.6

**Y5** 

I know the importance of computer networks and how they help solve problems and enhance communication. (5.2) I recognise the main dangers that can be perpetuated via computer networks. (5.2) Y6

### Quizzing

**Unit 6.7** 

**Programs** – 2Quiz, 2DIY, Text Toolkit, 2Investigate Understand different types of questions.

Consider audience's ability level.

Explore grammar quizzes
Make a quiz that requires the
player to search a database.
Are you smarter than a 10/11
year old quiz?

**V5** 

I can work collaboratively with others creating solutions to problems

I can choose apps and software for different tasks and explain my choice

Y6

I can compare a range of digital content sources and rate them in terms of content quality and accuracy.

I can consider the intended audience carefully when I design and make digital content I can use criteria to evaluate the quality of my own and others digital solutions, suggesting refinements.

**Vocab**: collaboration. audience

	Diamona	Class 2 Year Overview				
		as sound, movement and buttons	think carefully about how content they post might affect others, their feelings and how it		I can explain the difference between the internet and the World Wide Web. (6.2, 6.4,6.6)	
ı		Vocab: code, function, tab,	may affect how others feel about		I can explain what a WAN and	
ı		programme, debug,	them (their reputation).		LAN is and describe the process	
ı		flowchart	I can assess the potential		of how access to the internet in	
ı		nowchart	reputational benefits and risks in		school is possible. (6.2,6.6)	
ı			the way I represent myself			
ı			online, and explain strategies to		Vocab: Internet ,World	
ı			manage this		Wide Web, Local area	
ı			Vocab: technology, impact,		network (LAN), Wide area	
ı			positive, negative, opposing,		network (WAN) , Router	
ı			views			
ı	PSHE -	Me and My relationships	Valuing difference	Keeping myself safe (Spring 1)	Being my best	Growing and changing
ı	SCARF	Wie and My relationships	valuing unreferred	Recping mysen sure (Spring 1)	being my best	Growing and changing
ı	30,	1)Being assertive		1)Drugs: true or false		
ı		2) Dan's day	1)Qualities of friendship 2)	2) To share or not to share?	Year 5	1)How are they feeling?
ı		3) Our emotional needs	We have more in common	3) Alcohol: what is normal?	I can give an example of	2) Pressure online
ı		4) It's a puzzle	than not.	<b>'</b>	when I have had increased	3) Growing up and changing
ı		, ·	3) Is it true?	Year 5	independence and how that	bodies / Making babies
ı		Year 5	4) Boys will be boys	I can give examples of things that might influence	has also helped me to show	_
ı		I can give a range of		a person to take risks online. I can explain that I	responsibility.	Year 5
ı		examples of our emotional	Year 5	have a choice.	I can name several qualities	I can explain what resilience is
ı		needs and explain why they	I can give examples of	I can say the percentage of people aged 11-15	that make people attractive	and how it can be developed.
ı		are important.	different faiths and cultures	years old that smoke in the UK (3%) and I can	that are nothing to do with	I can list ways that I can
ı		I can explain why these	and positive things about	give reasons why some people think it's a lot	how they look, but about	prepare for changes (e.g. to
ı		qualities are important.	having these differences.	more than this.	how they behave.	get the facts, talk
ı		I can give a few examples of	I can explain how people			to someone).
ı		how to stand up for	sometimes aim to create an	Key Vocab:	Key Vocab:	I am able to identify when I
ı		myself (be assertive) and	impression of themselves in	Influence, trustworthy, domestic violence, abuse,	misleading, marketing,	need help and can identify
ı		say when I might need to	what they post online that is	violence, problems, Peer pressure, Put down	consumers, advertising, role	trusted adults in my life who
ı		use assertiveness skills.	not real and what might make	Pressure, Peer mediator, Risk Predict, Potential	model, media, reality,	can help me.
ı		Mars Marsala	them do this.	Hazard, High/ medium/ low risk assessing,	manipulate	Kara Valashi
ı		Key Vocab: Conflict, change, emotion,	Key Vocab: stereotype, homophobic,	responsibility Online safety, relationships risk, danger, cigarette, e-cigarette, shisha, cannabis,	Year 6	Key Vocab: Puberty, emotional, physical,
ı		loss, grief, bereavement	sexist, disability, trans phobic,	health, money, alcohol, tobacco, nicotine, media,	I can tell you how I can	behavioural, changes,
		ioss, grier, bereavernent	discrimination, gender, role	influence, pressure, choice, age restrictions,	overcome problems and	attitudes, values, gender,
		Year 6	models, prejudice,	substance, medicine Legal, Illegal, drugs, effects,	challenges on the way to	stereotyping, age, religion,
		I can explain bystander	Community Laws, Anti-social,	risks prescribed, solvents, alcohol, tobacco, role	achieving my goals.	culture, values, relationships,
		behaviour by giving	Responsibility, Organisations	models	I can give examples of an	friendships, differences, love,
		examples of what	Research, Migration, rights,	models	emotional risk and a	reproduction, human life
		Champles of what	nescaren, migration, rights,		Citiotional risk and a	reproduction, numan me

bystanders do when someone is being bullied. I can give examples of negotiation and compromise.

Key Vocab: Conflict, change, emotion, loss, grief, bereavement responsibilities, conflict, organisation, homeless, charity, lesbian transgender step families/ blended families, reflect, respect (+names of religions) diverse, stereotype relationships Religions, gay

### Year 6

I can reflect on and give reasons for why some people show prejudiced behaviour and sometimes bully for this reason.

I can explain the difference between a passive bystander and an active.

### Key Vocab:

stereotype, homophobic, sexist, disability, trans phobic, discrimination, gender, role models, prejudice,
Community Laws, Anti-social, Responsibility, Organisations Research, Migration, rights, responsibilities, conflict, organisation, homeless, charity, lesbian transgender step families/ blended families, reflect, respect (names of religions) diverse, stereotype relationships Religions, gay

### Year 6

I can explain why emotional needs are as important as physical needs and what might happen if a person doesn't get their emotional needs met.

I can explain some ways of making sure that I keep myself safe when using a mobile phone, including safety around sharing.

### Key Vocab:

Influence, trustworthy, domestic violence, abuse, violence, problems, Peer pressure, put down pressure, peer mediator, risk predict, potential Hazard, High/ medium/ low risk assessing, responsibility Online safety, relationships risk, danger, cigarette, e-cigarette, shisha, cannabis, health, money, alcohol, tobacco, nicotine, media, influence, pressure, choice, age restrictions, substance, medicine Legal, Illegal, drugs, effects, risks prescribed, solvents, alcohol, tobacco, role models

### Rights & Responsibilities (Spring 2)

- 1)Spending wisely
- 2) Jobs and taxes
- 3) How laws are made
- 1)It all adds up
- 2) Independence and responsibilities
- 3) Our recommendations
- 4) What's the risk? (1)

### Year 5

I can give examples of some of the rights and related responsibilities I have as I grow older, at home and school. I can also give real examples of each that relate to me.

I can give a few different examples of things that I am responsible for to keep myself healthy.
I can explain that local councils have to make

physical risk.

Key Vocab:

Emotional, physical risk, goals, problems, overcome

cycle, reproductive organs, conception, pregnancy, womb, uterus, egg, ovum, menstruation, periods, responsibilities, parents, skills, qualities, erection, vagina, contraception, lifecycle, roles, sex, support, advice. cannabis, health, money, alcohol, tobacco, nicotine, media, influence, pressure, choice, age restrictions, Substance, medicine, legal, Illegal, drugs, effects, risks prescribed, solvents, Alcohol Tobacco, Role models When things go wrong Influence, trustworthy, domestic violence, abuse, violence, problems, Peer pressure, Put down Pressure, Peer mediator, Risk Predict. Potential Hazard, High/ medium/ low risk Assessing, Responsibility Online safety, Relationships Risk, Danger

### Year 6

I can give an example of a secret that should be shared with a trusted adult.
I can tell you some emotional changes associated with 'puberty' and how people may feel when their bodies change.

Key Vocab:

Puberty, emotional, physical, behavioural, changes, attitudes, values, gender,

			decisions about how money is spent on things we need in the community. I can also give an examples of some of the things they have to allocate money for.  Key Vocab: Right, responsibility, entitlement, MP, shelter, education, healthcare, safety  Year 6 I can explain why people might do this (why they are showing certain aspects of themselves) and how social media can affect how a person feels about themself. I can explain that what 'environmentally sustainable' living means and give an example of how we can live in a more 'sustainable' way. I can explain the advantages and disadvantages of different ways of saving money.  Key Vocab: Mental health, mood, feelings, mind, strategies, support, stigma, discrimination, misleading, marketing, consumers, advertising, role model, media, reality, manipulate		stereotyping, age, religion, culture, values, relationships, friendships, differences, love, reproduction, human life cycle, reproductive organs, conception, pregnancy, womb, uterus, egg, ovum, menstruation, periods, responsibilities, parents, skills, qualities, erection, vagina, contraception, lifecycle, roles, sex, support, advice.
MfL (+ links with French school)	Salut! On holiday: Where are you going on holiday? (song) Where are you staying? At the zoo At the beach At the theme park	Salut! Eating out: I'm ordering a drink (song) At the ice cream shop At the market At the restaurant I'll have A fly in the orange juice	Salut! Hobbies (spring 1) My hobbies (song) Music Musical instruments The weekend Films Etienne's new friend  Salut! (Spring 2) The wheels on the bus (song) On the way Through the window At the museum In the countryside A trip to the museum	Salut! Seasons: The Seasons (song) Spring and Summer Autumn and Winter The date Arts and crafts Make a Chinese lantern	Salut! The Environment:- The weather The pond The garden Rubbish Problems in the pond

	Working	Ancient Egyptian Day (Art	Art display	Visit to Planetarium in Greenwich	Residential	Summer concert / End of Year
П	towards	and D&T Exhibition for				Production
-1		parents and school)	Parents open lesson for music	Create a 'Mountain Exhibition' to present to		
-1				younger children and parents their knowledge of		Art showcase for parents
-1				mountain ranges, their formation, expeditions		
ш				and mountain biodiversity.		

# Two Year Curriculum Plan Diamond Class

# Year 5 and Year 6

YEAR B

Diamona	iamona class 2 Year Overview						
	How to be a World Explorer	A lost civilisation	H is for Home Front	Journeys	Our world – our future.		
Hook/ Question/ Statement	Europe – Where should we go on holiday?	Why should we remember the Maya?	What impact did working outside of the home have on women's lives?	Where does all our stuff come from?	Are we damaging our world?		
	Geography –study of an Alpine Region.  Key knowledge and skills: use maps to focus on countries, cities and regions in Europe. Be taught to understand a region of another European country. Be taught to understand some of the physical and human processes that shape a region. Extend their knowledge and understanding beyond the local area to include Europe. This will include the location and characteristics of a range of the world's more significant human and physical features.  Vocab: continent, country,	History – The Maya Civilisation  Key knowledge and skills: establish clear narratives within and across periods they study. Regularly address historically valid questions about similarity and difference and significance. Construct informed responses that involve thoughtful selection and organisation of relevant historical information. Understand how our knowledge of the past is constructed from a range of sources • note connections, contrasts and trends over time • develop the appropriate use of historical terms • address and devise	(Spring 1 & 2) History The Home Front. Chn will understand the impact of food rations and the rationale behind the 'Dig for Victory' campaign.  Understand the extent to which the public spaces of Britain were used for allotments.  What happened to ordinary people and children during the war? Chn will learn about the home front, the rationing, digging for victory, 'make do and mend', Dad's Army, the Land girls and the role of women during the war, the Blitz and the experience of evacuee children. Understand about the use of propaganda and censorship; role-play home front scenarios.  Local history (Spring 2)  The impact of War: Did WW1 or WW2 have the biggest impact on our locality?  Key knowledge and skills: develop a chronologically secure knowledge and understanding of British, local and world history • address and devise historically valid questions about change, cause and significance	Geography  Journeys – Trade Key knowledge and skills: describe and understand key aspects of human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water • use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.  Vocab: import, export, trade, raw materials, man-made, native, season, biome, climate, recycle, reuse, fair trade, country of origin, producer, consumer, trade, sustainability,	Protecting the Environment / Our World in the future. Are we damaging our world?  Key knowledge and skills: describe and understand key aspects of the distribution of natural resources including energy, minerals and water. Use maps, atlases and globes to locate countries and describe features studied. Use the eight points of a compass, symbols and keys to build their knowledge of the UK and the wider world Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.		
	region, area, settlement, city, town, village, longitude, latitude, tropic of cancer, north, south, east and west  The children will learn about the Alpine region of Europe, how the Alps were formed	historically valid questions about change, cause and significance.  Vocab: Religious, social, economic, cultural, political, civilisation, pyramid, temple, conclusion,	• understand how our knowledge of the past is constructed from a range of sources • note connections, contrasts and trends • construct informed responses that involve thoughtful selection and organisation of historical information • develop the use of appropriate historical terms.	The children will find out about the UK's global trade links, investigating where everyday products come from and the journeys they take to our homes. This builds on work children may have done	Vocab: Sustainability, habitat destruction, endangered, extinction, conservation, mineral, renewable, non-renewable, wind power, biomass, wave energy,		
	and how homes are adapted to the climate. They create a storyboard or digital book	evidence, reconstruction, archaeology, city state, sacrifice, Meso-America,	<b>Vocab:</b> Sources, evidence, reliability, bias, utility, memorial, thankful village, civilian, inscription, casualty,	in KS1 looking at the geography of food. The children will also map the	geothermal energy, hydroelectricity, tidal energy, solar energy, fossil fuels (oil,		

on mountain formation, design an Alpine home, and produce literature for visitors to the area using geographical vocabulary.

# **Europe- A study of the Alpine Region**

### **Locational Knowledge**

I can describe key physical and human characteristics and environmental regions of Europe.

### **Place Knowledge**

I can give information about a region of Europe and its physical environment, climate and economic activity.

I know that human activity is influenced by climate and weather and can give examples.

I can describe hazards from physical environments and their management, such as avalanches in mountain regions.

# Human and Physical Geography

### End of Year 5, expected:

I can describe and understand a range of key physical processes and the resulting landscape features.

I can describe how a

nobles, creation, hierarchy, sacrifice, bloodletting, conquistadors, technology, culture, glyphs, agriculture, astronomy, calendar, trade, interpretations, theory, climate change, conquer, decline, codex/codices, pagan, scribe, significance.

The children will explore the world of the Maya, and debate whether they should continue to be remembered today as a significant culture. The children will begin by learning about the lives of the Maya today, before focusing on ancient Maya architectural achievements, their religion and surviving writings. They will also study the possible reasons why the Maya city states declined after 900 AD, looking at conspiracy theories and considering whether everything they read online is reliable. They will consider the issues faced when studying a culture where only limited types of evidence are available, predominantly archaeological evidence. While studying the unit, it is important to check the news for information about any new finds about the culture.

protected/reserved occupations, conscription, volunteer, Blitz, evacuee, Kindertransport, refugee, logbook, rationing, imports, rural, urban, propaganda, home guard, Zeppelins, Luftwaffe, barrage, shells, bombs, memorial, commemorate, symbolism, inscription, plaque, frieze, Tommy, patriotism, mourning.

The focus of the learning is on the Home Front and how the wars impacted on the community. The children will make a number of visits around the local community to gather or check evidence. Throughout the unit, the children will be required to use the skills they have developed, particularly those relating to local history. The chn will showcase their development in all areas and the children's exhibition in the Big Finish provides a final opportunity for them to celebrate their work with parents and the broader community.

# Change and Development End of Year 5, expected:

I can independently and confidently provide a comprehensive list of the changes within the period studied.

I can independently provide valid reasons why some changes and developments were of particular importance within the particular UKS2.

I will be able to identify a range of links between the various changes.

I can provide insightful ideas about whether some things did not change very much within a period and why this occurred.

### End of Year 6, expected:

I can compare similarities, differences and

journeys taken by items, and research the pros and cons of buying local or imported goods.

gas, coal), marine, ocean, endangered species, enquiry, biodiversity, recycle, waste

The children will consider if

we are damaging our world and how we can protect it. They will investigate energy production, the oceans and minerals, as well as conducting an enquiry into how the school can become more sustainable.

I know that there are threats to the health of our planet.
I can explain several threats to wildlife and/or habitats.
I understand that there are ways to help improve the health of our planet.

mountain region was formed.

I can describe and begin to explain hazards from physical environments and their management, such as avalanches in mountain regions.

I can describe what the climate of a region is like and how plants and animals are adapted to it (e.g. in the Alps).

I can describe key physical and human characteristics and environmental regions of Europe (e.g. the Alps). I can describe key physical and human characteristics and environmental regions of Europe.

# Geographical Skills and Fieldwork

I can use maps to locate the Alps and identify the physical features of the region.

I can use base maps to create their own maps of the Alpine region.
I can use fieldwork to investigate key questions and begin to answer them.
I can use fieldwork to observe and describe local human and physical features and compare them with those in the Alps.

### **Constructing the past**

### End of Year 5, expected:

I can understand some features associated with themes, societies, people and events, such as religion and food, but without links and grouping them into themes.

I will be able to make some reference to and identify links with other societies studied.

### End of Year 6, expected:

I can provide overviews of the most significant features of different themes, individuals, societies and events covered.
I will begin to make links and group them into themes, e.g. social, cultural. I will be able to make links with themes in other societies studied.

# Significance and Interpretations

### End of Year 5, expected:

I can confidently select what is most significant in a historical account, related to a person's life, a key event or a theme.

I can give a range of valid reasons why they have selected a particular aspect as being most significant in a changes within and across topics, e.g. in terms of importance, progress or the type and nature of the change, e.g. provide some similarities and differences affecting differing locations within the world wars.

I will be able to confidently identify a range of links between the various changes, e.g. the change in women's roles during the war with changes in women's rights.

I will begin to understand and explain how some of the changes were exceptional or commonplace, e.g. as part of the impact of the war on their locality.

### Cause and Effect End of Year 5, expected:

I can explain the role of different causes and effects of a range of events and developments. I can place the causes and/or effects in an order of significance and explain why they are arranged in this order.

I can make a link between the causes or effects of events within one period with those of another.

### End of Year 6, expected:

I can independently provide a comprehensive list of valid detailed reasons why events took place and the effects of those events, e.g. how the World Wars had an impact on their locality.

I will be able to order these causes and/or effects into a hierarchy of significance and will comment insightfully on why they have selected this order.

I will be able to make a number of valid links between why certain events occurred in the historical account, related to a person's life, a key event or a theme and why others are less important. I will understand that some will have long-term significance and others only short-term significance.

### End of Year 6, expected:

I can confidently explain the reasons why particular aspects of a historical event, development, society or person were of particular significance.
I can introduce a hierarchy

I can introduce a hierarchy of importance and explain while some aspects continue to be relevant, others may be dismissed as no longer being relevant and not having long term significance.

period studied and events taking place in other periods or locations, or note how effects of events could be similar.

I may be able to identify some of the causes as long or short-term triggers and how some effects can be immediate and others long term.

# Planning and Carrying out a historical Enquiry End of Year 5, expected:

I can confidently and independently devise significant historical enquiries based on a broad range of valid questions.

I can answer the questions in detail using a broad range of relevant and varied sources to support points made.

My work is clearly structured with contrasting viewpoints considered.

I will use the evidence to reach a valid and substantiated overall conclusion.

I will use a broad range of relevant historical terms throughout.

I will follow a clear structure appropriate for presenting an argument.

I will work independently and with confidence.

I will begin to critically evaluate my enquiry and consider possible ways in which it could be improved or developed.

### End of Year 6, expected:

I can independently plan and produce quality, detailed responses to a wide range of historical enquiries.

exemplify the impact of the wars from those

I will explain confidently why I have made that

studied within the unit.

amond Class 2 Year Overview	
anona dass 2 rear overview	selection, referring to both utility and reliability and considering the purpose, audience,
	accuracy and how the source was compiled.
	Significance and Interpretation
	End of Year 5, expected:
	I can select what is most significant in a
	historical account, related to a person's life, a
	key event or a theme.
	I can give a valid reason why they have selected
	a particular aspect as being most significant in a historical account, related to a person's life, a
	key event or a theme.
	End of Year 6, expected:
	I can confidently select what is most significant
	in a historical account, related to a person's life,
	a key event or a theme, e.g. a development
	made by the Romans.
	I can give a number of valid reasons why they have selected a particular aspect as being most
	significant in a historical account, related to a
	person's life, a key event or a theme and why
	others are less important.
	I will begin to understand that some things will
	have long or short-term significance.
	Planning and Carrying out a historical Enquiry
	End of Year 5, expected:
	I can independently devise a range of
	historically valid questions for a series of different types of enquiry.
	I will answer them with detailed structured
	responses making reference to specific sources
	of evidence related to 'Why should we preserve
	our locality?'.
	Livillius a reage of relevant historical terms

I will use a range of relevant historical terms.

I can independently devise significant historical

End of Year 6, expected:

			enquiries based on a range of valid questions. I can answer the questions in some detail using a range of relevant and varied sources to support points made. Work will be clearly structured with contrasting viewpoints considered. Use a broad range of relevant historical terms.		
English	The Explorer by Katherine Rundell – Narrative adventure Scott of the Antarctic – non- fiction diary	Cosmic – Frank Cotterell Boyce – Narrative Sci Fi Letter to Mr Scrooge – non- fiction persuasive letter	Hansel and Gretel – Narrative Traditional Tale  Greta – non-fiction speech  Mars Transmission – non-fiction journal  Kensuke's Kingdom Narrative Adventure	Paperman – Disney Narrative Narrative Poetry -The Highwayman Alfred Noyes	The Firework Makers Daughter – Narrative Adventure  Plastic Pollution non-fiction speech
Class Read	Skellig – David Almond	October, October	Goodnight Mr. Tom	The Water Tower – Gary Crews and Steven Woolman	Holes- Louis Sacher
Maths	Year 5 Number and place value Number – addition and subtraction Number – multiplication and division  Year 6 Number and place value Four number operations	Year 5 Statistics Number – multiplication and division Measurement  Year 6 Fractions Geometry	Year 5 Fractions – including decimals and percentages  Year 6 Number – fractions including decimals and percentages Algebra Measurement	Year 5 Number – fractions Geometry – properties of shapes  Year 6 Measurement Ratio and Proportion	Year 5 Geometry – position and direction Measurement  Year 6 Geometry Number and place value Statistics
Science	Properties of Materials  Key knowledge and skills: the chn will learn about materials and how they change. First, they test properties of materials before looking at how materials dissolve, what a solution is and evaporation.	Light  Key knowledge and skills: The topic introduces the concept of light travelling in straight lines. It starts by looking at beams of light and how light travels to enable children to understand how we see	Living things and their habitats  Key knowledge and skills: In this topic children look at the life cycles of various species including mammals, amphibians, fish and birds. They also look at and describe the life process of reproduction in plants and animals  Vocab: asexual reproduction, bulb, external fertilisation, fertilisation, gestation, internal	Animals inc. humans growing up & growing old  Key knowledge and skills: Children will look at and describe the changes as humans develop to old age. Pupils draw a timeline to indicate stages in the growth and development of humans	Electricity  Key knowledge and skills: This topic builds on the Year 4 work on electricity, taking it into the scientific use of symbols for components in a circuit, as well as considering the effect in more detail of

Finally, children compare reversible and irreversible changes.

Vocab: dissolve, elastic, electrical conductor, evaporate, filter, flexible, hard, insoluble, mixture, plastic, rigid, soluble, solute, solution, solvent, strong, thermal conductor, thermal insulator, tough

Sort and classify materials according to their properties. Investigate thermal conductors and insulators Give reasons based on evidence for comparative and fair tests. Use knowledge of solids, liquids and gases. Explain that some changes result in formation of new materials.

I compare and group materials based on their properties (e.g. hardness, solubility, transparency, conductivity, [electrical & thermal], and response to magnets).
I can describe how a material dissolves to form a solution; explaining the process of dissolving.
I can describe and show how to recover a substance

things. This understanding is then applied to the production of shadows and starts to look at how light is reflected. The topic then takes the learning into the realm of coloured light and rainbows, using scientific skills to raise and answer questions. It builds on the work carried out in Year 3 on light, shadows and reflection.

**Vocab**: cornea, iris, light ray, lens, pupil rainbow, reflection, symmetry

Recognise that light appears to travel in straight lines; Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye; explain why shadows have same shape as objects that cast them; explain why we see things because light travels in straight lines to our eyes from light sources.

I can explain how light travels.
I can explain and demonstrate how we see objects.
I can explain why shadows have the same shape as the object that casts them.

I can explain how simple

fertilisation, larva, metamorphosis, pollination, sexual reproduction, sperm

Describe the life processes of reproduction in plants.

Chn will observe life-cycle changes, for example, in the vegetable garden. They will find out about naturalists such as David Attenborough.

Chn will find out about sexual reproduction in plants, including sexual and asexual reproduction.

I can describe the life cycle of different living things, e.g. mammal, amphibian, insect bird. I can describe the differences between different life cycles.

I can describe the process of reproduction in plants.

I can describe the process of reproduction in animals

### Working scientifically

I can record data and results using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs. I can report findings from enquiries in a range of ways.

I can explain causal relationships in an enquiry. I can read, spell and pronounce scientific vocabulary accurately.

and learn about the changes experienced in puberty.

**Vocab**: adolescence, adolescent, adult, arthritis, gestation period, life expectancy, menstruation, pregnant, puberty, teenager

I can create a timeline to indicate stages of growth in humans.

### Working scientifically

I can record data and results using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs.

I can report findings from enquiries in a range of ways. I can explain causal relationships in an enquiry. I can read, spell and pronounce scientific vocabulary accurately. changing components in a circuit. The children will have the opportunity to apply their learning by creating an electronic game.

**Vocab:** battery, blow, cell, complete, component, electrons, filament, fuse

Identify scientific evidence that has been used to support or refute ideas or arguments; use recognised symbols when representing a simple circuit in a diagram; associate brightness with the number and voltage of cells in circuit; compare and give reason for variations in how components function; report and represent findings; record and present results.

### Electricity

I can explain how the number and voltage of cells in a circuit links

to the brightness of a lamp or the volume of a buzzer. I can compare and give reasons for why components work and do not work in a circuit. I can draw circuit diagrams using the correct symbols.

### Working scientifically

I can record data and results using scientific diagrams and labels, classification keys,

from a solution. I can describe how some materials can be separated. I can demonstrate how materials can be separated (e.g. through filtering, sieving and evaporating). I know and can demonstrate that some changes are reversible and some are not. I can explain how some changes result in the formation of a new material and that this is usually irreversible. I can discuss reversible and irreversible changes. I can give evidenced reasons why materials should be used for specific purposes.

### Working scientifically

I can plan different types of scientific enquiry I can control variables in an enquiry. I can measure accurately and precisely using a range of equipment. I can explain a conclusion from an enquiry. I can use the outcome of test results to make predictions and set up a further comparative fair test I can relate the outcome from an enquiry to scientific knowledge in order to state whether evidence supports

optical instruments work, e.g. periscope, telescope, binoculars, mirror, magnifying glass etc.

Working scientifically I can measure accurately and precisely using a range of equipment. I can control variables in an enquiry. I can record data and results using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs. I can explain a conclusion from an enquiry. I can use the outcome of test results to make predictions and set up a further comparative fair test. I can relate the outcome from an enquiry to scientific knowledge in order to state whether evidence supports or refutes an argument or theory I can read, spell and pronounce scientific

vocabulary accurately.

tables, scatter graphs, bar and line graphs. I can use the outcome of test results to make predictions and set up a further comparative fair test I can read, spell and pronounce scientific

vocabulary accurately.

meanina

Key Vocab

in life

RE

or refutes an argument or theory. I can read, spell and pronounce scientific vocabulary accurately.

**Buddhism** introduction

life <mark>and</mark> pilgrimage

Symbolic ways of expressing

Celebrations, key events in

Buddhist, Tipitaka, Siddhartha

Gautama, isolation, lotus

flower, rite of passage

Beliefs and practices;

Symbols and actions;

Identity and belonging

**Buddhism Introduction** 

Celebrations and key events

Symbolic ways of expressing

Exploring the annunciation in a sacred and secular Christmas

2b.4 Was Jesus the Messiah? (digging deeper)

**Key Vocab** Annunciation, secular, Humanist, transformation. humble

Exploring the annunciation in a sacred and secular Christmas.

Beliefs and practices; Symbols and actions: Identity and belonging Buddhism Introduction Celebrations and key events in life

Symbolic ways of expressing meaning.

I can describe, make connections and reflect on specific religious vocabulary some religious and about how celebrations and worldviews studied, using specific religious vocabulary about how celebrations and communities. key moments in life are I can compare how and why marked by different

communities. I can compare how and why a range of beliefs expression and actions communicate different meaning to individuals within differences between and communities. Identify and

Belonging to a community, individual commitment and religious leadership Communicating beyond prayer and scared

The significance of the Salvation 2b.6 What did Jesus do to save us human beinas?

Key Vocab Eightfold path, mantra, Meditation, leadership multifaith, compassion

Identity and belonging Prayer, worship and reflection; Sources of wisdom; Belonging to a community, individual commitment

and religious leadership Communicating beyond prayer and sacred spaces

The significance of Salvation.

I can show and express insights into the challenges of individual commitment, belonging and faith. Raise questions on guidance and leadership in their own and others' lives.

I can demonstrate through enquiry and experience, worshippers' connection to prayer, faith and sacred spaces.

I can show awareness, respond to and interpret a range of stories, sacred writings and sources of wisdom, recognising and understanding the impact within different communities and on individual believers.

Sacred texts and stories, their guidance and impact Taking responsibility for living together, the world, values and respect.

Sources of wisdom: Human responsibility and values Ultimate questions Justice and fairness: Sacred texts and stories, their guidance and impact Taking responsibility for living together, the world, values and respect. **Key Vocab** Heaven, communion. Eucharist, betraval, human sin, suffering Inspire, Dalai Lama, responsibility, Tolerance, respectful

I can show awareness. respond to and interpret a range of stories, sacred writings and sources of wisdom, recognising and understanding the impact within different communities and on individual believers. I can explain how diverse communities can live together identifying common values, justice, respect and shared human responsibility.

Different ideas God and gods, creation and ultimate auestions. 2b.2 Creation and Science contradictory or complementary? Reflecting on ethics, what is right and wrong, just and fair?

gods, creation and ultimate questions Reflecting on ethics, what is right and wrong, just and fair. **Key Vocab** Contradiction, scientific, soul, Consideration, prejudice

Harmony

Different ideas about God and

I can show awareness. respond to and interpret a range of stories, sacred writings and sources of wisdom, recognising and understanding the impact within different communities and on individual believers. I can explain how diverse communities can live together identifying common values, justice, respect and shared human responsibility. I can use personal and critical responses to challenge how individual and collective

meaning. I can describe, make connections and reflect on some religious and worldviews studied, using key moments in life are marked by different

> a range of beliefs expression and actions communicate different meaning to individuals within communities. Identify and describe similarities and

within communities. I can show and express insights into the challenges of individual commitment. belonging and faith. Raise questions on guidance and leadership in their own and others' lives.

describe similarities and differences between and within communities. I can show and express insights into the challenges of individual commitment, belonging and faith. Raise questions on guidance and leadership in their own and others' lives.

I can use personal and critical responses to challenge how individual and collective responsibility is shaped by faith and belief. I can evaluate and ask challenging questions applying their own and others ideas about responsibility and what is right and wrong, considering possible effects of different moral choices.

responsibility is shaped by faith and belief. I can evaluate and ask challenging questions applying their own and others ideas about responsibility and what is right and wrong, considering possible effects of different moral choices.

### Art / DT

Art: Water colour skills map of the world to then be annotated with facts and info from research and chn's countries they have visited.

Key Vocab:

Sketchbooks, record, observation, review, revisit, improve, design techniques, materials Colour: mix and match, atmosphere, light effects, flesh, identify primary secondary and complementary colours, wet, dry, watercolours, imagination

D&T: Design and build a shelter (frame structures). Key Vocab: frame structure, stiffen, strengthen, reinforce, triangulation, stability, shape, join, temporary, permanent design brief, design

Art - Painting – silk painting, Islamic patterns, illuminated manuscripts Ink – Chinese blossom pictures/ bamboo Batik Key Vocab:

Fabrics, 3D structures, threads, needles, batik techniques, layer, colours, textures and effects, sketchbooks, record, observation, review, revisit, improve, design techniques, materials Colour: mix and match, atmosphere, light effects, flesh, identify primary secondary and complementary colours, wet, dry, watercolours, imagination

Design and make a board game based on the silk road to illustrate the flow of

Art: Design war posters and make gas masks, identity papers and ration books

To use watercolours to paint a picture of the events of the Dunkirk evacuation

To make wartime-style posters encouraging modern issues, e.g. recycling

Key Vocab:

Sketchbooks, record, observation, review, revisit, improve, design techniques, materials Colour: mix and match, atmosphere, light effects, flesh, primary, secondary, complementary colours, wet, dry, watercolours, imagination, observation, photographs, visual images, lines marks, tone, form and texture; lines, patterns, shapes within a drawing, wet media, a, tonal contrast, mixed media, shading, hatching, blending, perspective, single focal point, horizon, composition, scale, foreground, middle ground, background.

**D&T – Food** (Rationing Recipes link to WW2 Home Front topic) Kev Vocab: ingredients, yeast, dough, bran, flour,

**Art**: Local landscape sketches.

Key Vocab:

Sketchbooks, record, observation, review, revisit, improve, design techniques, materials Colour: mix and match, atmosphere, light effects, flesh, primary, secondary, complementary colours, wet, dry, watercolours, imagination, observation, photographs, visual images, lines marks, tone, form and texture; lines, patterns, shapes within a drawing, wet media, a, tonal contrast, mixed media, shading, hatching, blending, perspective, single focal point, horizon, composition, scale, foreground, middle ground, background.

**D&T: Electrical Systems** (monitoring and control) Chn will:

Develop a design spec for a functional product (electronic tov moneybox) that respond automatically to changes in the environment. Generate, develop and communicate ideas through discussion, annotated sketches and pictorial representations of electrical circuits or circuit diagrams. Formulate a step by step plan to guide making, listing tools, equipment and components. Select and assemble materials and securely connect electrical components to produce a reliable, functional product. Continually evaluate and modify product.

Test the system and

demonstrate its effectiveness.

I can investigate and analyse a range of existing products.

specification, prototype, annotated sketch, purpose, user, innovation, research, functional

Carry out research into user needs and existing products. Develop a simple design spec to guide development of ideas and products. Generate, develop and model innovative ideas, through discussions, prototypes and annotated sketches.

Formulate a clear plan and list or resources.
Select and use appropriate tools in accurate measure, mark out, cut, shape and join construction materials to make frameworks.
Use finishing and decorating techniques.

Evaluate product.

I can investigate and analyse a range of existing products. I can use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups.

I can generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces goods and knowledge, the hazards of trade and life on the road in a caravan.

wholemeal, unleavened, baking soda, spice, herbs

fat, sugar, carbohydrate, protein, vitamins, nutrients, nutrition, healthy, varied, gluten, dairy, allergy, intolerance, savoury, source, seasonality

utensils, combine, fold, knead, stir, pour, mix, rubbing in, whisk, beat, roll out, shape, sprinkle, crumble

design specification, innovative, research, evaluate, design brief

Generate ideas from research in topic. Explore initial ideas, design and decide on final product.

Write a step by step recipe including a list of ingredients, equipment and utensils.
Use annotated sketches and info to communicate ideas. Use appropriate vocabulary.

Make, decorate and present food product appropriately.

Carry out sensory evaluations and record results.

Evaluate final product.

I can investigate and analyse a range of existing products.

I can use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups. I can generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design.

I can select from and use a wider range of tools and equipment to perform practical tasks, such as cutting, shaping, joining and finishing, accurately.

I can select from and use a wider range of materials and components, including

I can use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups.

I can generate, develop, model and communicate their ideas through discussion, annotated sketches, crosssectional and exploded diagrams, prototypes, pattern pieces and computer-aided design.

I can select from and use a wider range of tools and equipment to perform practical tasks, such as cutting, shaping, joining and finishing, accurately.
I can select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.

I can evaluate my ideas and products against my own design criteria and consider the views of others to improve their work.

**Ancient Greece** 

Key Vocab:

Food: Celebrating culture

and computer-aided design. I can select from and use a wider range of tools and equipment to perform practical tasks, such as cutting, shaping, joining and finishing, accurately. I can select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.

I can evaluate my ideas and products against my own design criteria and consider the views of others to improve their work. construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.

I can evaluate my ideas and products against my own design criteria and consider the views of others to improve their work.

# Topic: Ancient Greece

ingredients, yeast, dough, bran, flour, wholemeal. unleavened, baking soda, spice, herbs fat, sugar, carbohydrate, protein, vitamins. nutrients, nutrition, healthy, varied, gluten, dairy, allergy, intolerance, savoury, source, seasonality utensils, combine, fold, knead, stir, pour, mix, rubbing in, whisk, beat, roll out, shape, sprinkle, crumble design specification, innovative, research, evaluate, design brief

### Quicksticks (SC) –

PE

I can control the ball in different directions.
I can pass with control and move into a space.
I can tackle a player with control and time it correctly to win the ball.
I can mark an opponent with success and organise others in my team.
I can hit a moving ball into a goal from different angles with increasing accuracy.

### Tag Rugby (SC)

I can agt a player using either hand when moving at full speed.

I can choose a pathway to move with the ball with control past defenders. I can pass a ball over varying distances with control and accuracy (both sides of body).

I can pass a ball backwards or sideways with control and accuracy when moving

### Netball (SC)

I can pass a ball with precision and control. I can perform a stop and pivot when receiving a ball.

I can dodge into a space and receive a ball.
I can mark a player stop them from getting a ball and attempt to intercept a pass.
I can shoot a ball into the net with some success.

I can react quickly to receive a ball for a centre pass.

### Key Vocab:

Pass, precision, control, stop, pivot, dodge,

### Dance (SC)

I can co-operate and collaborate to create a warm up displaying movement patterns moving in time to the music.
I can translate ideas form a stimulus to movement.
I can copy and repeat a variety of steps with musicality.
I can dance in unison and perform a cannon with a group showing good energy

### Rounders

I can work in a team and field a ball effectively.
I can and catch and throw the ball, sometimes making the correct decisions in a game situation
I can throw the ball sympathetically to others and make good decisions in a game situation (attempting to catch others out)
I can throw and catch making correct tactical decisions

I can take on a leadership role when working with a team and can evaluate and improve performance.

Key Vocab: Dribble, stick, rotate, pass, control, accuracy, possession, teammates, pitch, block tackle, timing, balance,

Additional Lesson – Sports Coaches at speed (both sides od body).

I can attack with conviction, choose the right time to pass, and offer support to teammates.
I can listen to others, express my own ideas and work well with others tactically.

Key Vocab:

Tag, player, tag belts, pathways, game situation, defender, speed, space, dodge, pass, receive, try, team, forward

Swimming Year 5

Additional lesson by Sports Coaches

space, receive, intercept, net, goal, react, centre pass

Additional lesson taught by Sports Coaches

and timing.

I can perform at a variety of levels and use all the space. Performa variety of travelling movements showing musicality and fluency.

Key Vocab:

Co-operate, collaborate, warm up, movement, patterns, steps, unison, cannon, energy, timing, travelling, musicality, fluency, strength, core.

Athletics – Sports Coaches

having an impact in a game situation (catching others out) I can bat a ball using a rounders bat I can bat the ball with confidence and begin to hit it in different directions I can bat with confidence and hit it in a variety of directions I can field the ball using long barrier and attempting the run and scoop I can field the using the run and scoop and throw to another player on my team I can field the ball, moving into position scooping and throwing it accurately to another player I can show a variety of the batting and fielding skills I've learnt and work as part of a team I can show a variety of the batting and fielding skills I've

learnt and work as part of a team, encouraging and helping others
I can show a wide variety of the batting and fielding skills
I've learnt and work as part of a team, taking on a leadership role, encouraging and helping others.

I can show a variety of the batting and fielding skills I've learnt and work as part of a team

I can show a variety of the batting and fielding skills I've learnt and work as part of a

					team, encouraging and helping others I can show a wide variety of the batting and fielding skills I've learnt and work as part of a team, taking on a leadership role, encouraging and helping others  Key Vocab: Batting, fielding, team, skills, impact, catch, bat and ball, backstop, bowler, fielder, base, underarm, hit, direction
Music	Violins, cellos, double base, violas Key Vocab for Year 5 (Yr A/B) Rock, bridge, backbeat, amplifier, chorus, bridge, riff, hook, improvise, compose, appraising, Bossa Nova, syncopation, structure, Swing, tune/head, note values, note names, Big bands, pulse, rhythm, solo, ballad, verse, interlude, tag ending, strings, piano, guitar, bass, drums, melody, cover, Old-school Hip Hop, Rap, riff, synthesizer, deck, backing loops, Funk, scratching, unison, melody, cover, pitch, tempo, dynamics, timbre, texture, Soul, groove, riff, bass line, brass section, harmony, melody.	Violins, cellos, double base, violas Key Vocab Yr 6 (A/B) Bow hold, simple pieces using up to two strings, bow circles, songs using call and response, songs using internal voice Listening: Baroque Yr 6 Ext: More complex bowing patterns, improved tonal quality, maintaining individual part. Listening: identification of instruments from specific families.	Violins, cellos, double base, violas Recap of technique Pieces using more strings and combining pizzicato and arco Intro other sounds such as col legno, tremolo and glissando. Play pieces using open strings and first finger. Songs: Combining partner songs and songs with more than one part. Listening: Classical (symphony, concerto); Romantic (orchestration/conveying stories/types of sound) Year 6 Ext: fluency with technique, improved tonal quality	Violins, cellos, double base, violas Introduction of more fingers to play a wider range of pitches. Play simple pieces using D E F #G (can introduce pitch and notation at this point) Preparation for performance 2 to 4 songs and pieces Listening: dictated by class interest (previously film music, women composers, music of the late 20 <sup>th</sup> and 21 <sup>st</sup> century) Yr 6 Ext: Pitch notation	Violins, cellos, double base, violas Introduction of more fingers to play a wider range of pitches. Play simple pieces using D E F #G (can introduce pitch and notation at this point) Preparation for performance 2 to 4 songs and pieces Listening: dictated by class interest (previously film music, women composers, music of the late 20th and 21st century) Yr 6 Ext: Pitch notation

Intro to instruments
Pizzicato technique
Simple pieces using two
stringed instruments
Introduction how to hold
bow

Song using soh – mi Songs using do – soh Listening: Stringed instruments Yr 6 Ext: Change of

instruments
Modelling to Year 5
Musical vocab: dynamics,
pitch, rhythm, timber,
instrument specific vocab

Computin g

# Coding (Purple Mash) Unit 5.1

Use sketching to design a programme. Explain how programme simulates a physical system. Include buttons and objects that launch windows to websites and programmes.

To code a programme that informs others.

Y5

I can make more complex reallife problems into algorithms I can convert algorithms that contain sequence, selection and repetition into code that works.

I can use sequence, selection, repetition, and some other coding structures in my code. I can organise my code carefully for example, naming variables and using tabs I can test and debug my programs as I work.

# Online Safety Unit 6.2 Digital footprint

Plus Projectevolve.co.uk: Online bullying and Health, wellbeing and lifestyle Y5

I can explain what personal information is and know strategies for keeping this safe.

I have a secure knowledge of online safety rules taught at school. (5.2 & across units)
I can demonstrate the safe and respectful use of different online technologies and online services. (5.2 & across units)
I always relate appropriate online behaviour to my right to have personal privacy. (5.2 & across units)

I can describe actions someone could take if they experience or are targeted by illegal online behaviour.

I know what the digital age of consent is and the impact this

### **Spreadsheets Unit 5.3**

2Calculate

Use a spreadsheet to model a real-life situation and come up with solutions that can be practically adapted.

Y5

I can work collaboratively with others creating solutions to problems

I can choose apps and software for different tasks and explain my choice

I can comment on how successful a digital solution is that I have created

Y6

I can choose apps and software for different tasks I can consider the intended audience carefully when I design and make digital content

I can use criteria to evaluate the quality of my own and others digital solutions, suggesting refinements.

**Vocab:** Spreadsheet, column, row, cell, average, random, formula

### **Databases Unit 5.4**

2Question, 2Investigate Create databases about a chosen topic. Add records to a database; Know what a database field is and find information: understand how

### Game Creator/ 3D

### modelling Unit 5.5

Game Creator 2DIY 3D Review and analyse a computer game; upload images or use drawing tools to create walls, floors and roof.

Select appropriate options to maximise playability.
Know what 2D design and Make Tool is for.
Explore how to edit the polygon 3D models to design a 3D model for purpose.

### Y5

I can work collaboratively with others creating solutions to problems using appropriate software

I can comment on how successful a digital solution is that I have created

Y6 I can decompose important

### **Concept Maps Unit 5.7**

Programs – 2Connect
Make connections between
thoughts and ideas,
understand what is meant by
concept maps, stage, nodes
and connections.
Create an informative text.

### Y5

I can present data and information using a range of applications

I can work collaboratively with others creating solutions to problems and share content. I can comment on how successful a digital solution is that I have created

Y6

refinements

I can make appropriate improvements to digital work I have created I can use criteria to evaluate the quality of my own and others digital solutions, suggesting

	I can turn a complex programming task into an algorithm. (6.1) I can translate algorithms that include sequence, selection and repetition into code I can decompose aspects of a programming task in a logical way, I can identify a specific line of code that is causing a problem and attempt a fix. I can use inputs and outputs within my coded programs such as sound, movement and buttons  Vocab: code, function, tab, programme, debug	has on online services asking for consent .Y6 I can use critical thinking to help me stay safe online. (6.2) I can demonstrate safe and respectful use of a range of different technologies and online services. (6.2, 6.4) I can identify more discrete inappropriate behaviours online. For example, someone who may be trying to groom me or someone else. (6.2) I know the value of protecting my privacy and others online. (6.2, 6.4) I can explain why people need to think carefully about how content they post might affect others, their feelings and how it may affect how others feel about them (their reputation). Vocab: technology, impact, positive, negative, opposing, views, online reputation, influence, discrete	to word questions so that they can be effectively answered using a search in their database. Y5 I can present data and information using a range of applications Y6 I can accomplish tasks with increasing independence Vocab: avatar, statistics, binary tree (branching database)	aspects of a programming task in a logical way, identifying appropriate coding structures that would work.  I can make appropriate improvements to digital work I have created I can use criteria to evaluate the quality of my own and others digital solutions, suggesting refinements  Vocab: Animation, illusion, customise, interactive, screenshot, texture, perspective, playability	Vocab: Audience, concept, connection, node, visual
PSHE – SCARF For Key Vocab see Year A	1) Collaboration challenge (yr 5) 2) Let's negotiate (yr 6) 3) How good a friend are you? (yr 5) 4) Behave yourself (yr 6)	1)Ok to be different(Yr 6) 2) Kind conversations (Yr 5) 3) Respecting differences (Yr 6) 4) Happy being me (Yr 5)	1)Would you? (yr 5) 2) What sort of drug is? (yr 6) 3) Smoking: what is normal?	1)Rights, responsibilities and duties (Yr 5) 2) Local councils (yr 5) 3) Democracy in Britain-Elections (Yr 6)  Key Vocab: allot Vote Taxes Political party Prime minister Economy Welfare state NHS Democracy Manifesto	Summer 1 1) Getting fit (Yr 5) 2) This will be your life! (Yr 6) 3) My school community (yr 5) 4) Basic first aid (yr 5/6) Summer 2 1) How are they feeling? (Yr 5) 2) Changing bodies and feelings (yr 5) 3) Pressure online (Yr 6) 4) Growing up and changing bodies (Yr 5)/ Making babies (Yr 6 only)
MfL - FRENCH	Salut! Actions:-	Salut! In France (Spring 1)	Salut! A weekend with friends:	Salut! The Future:	Salut! Jobs:

	I'm looking for the pirate (song) Actions In the cupboard Treasure Hunt	On the bridge of Avignon (song) Where in France? In Paris They speak French French Food Croque Monsieur  (Spring 2) Family: My family Describe your family Household tasks A family weekend My birthday party Cinderella	What would you like to do? Would you like? (song) Sleepover The midnight feast Are you going to the cinema?	I'm going (song) This weekend Tomorrow Comparisons I am The Three Billy Goats Gruff	I want to be an astronaut Jobs Workplaces The Space Station At the fire station Pauls 'quiet' day
Working towards	Writing a class all-terrain manual.	Recreation of a market place in Baghdad in AD900  Open music lesson for parents	WW2 Dress up Day Growing own vegetables for rationing. The Big Finish celebration for parents and local community.	Performing Ancient Greek Myths.	Designing and building a car powered by an electrical circuit.  Summer Concert  Visit to Bell Street in Sawbridgeworth to question locals.