| SUMMER TERM 2023- | 24 YEAR 6                          |  |   |
|-------------------|------------------------------------|--|---|
| Breadth  History  | Threshold<br>Concept               | Milestone 3<br>Yr 5 and Yr6  | Activities (that relate to Threshold Concepts and the Milestone indicators)   |
|                   | Build an overview of world history | <ul> <li>Use sources of evidence to deduce information about the past.</li> <li>Select suitable sources of evidence, giving reasons for choices.</li> <li>Use sources of information to form testable hypotheses about the past.</li> <li>Seek out and analyse a wide range of evidence in order to justify claims about the past.</li> <li>Show an awareness of the concept of propaganda and how historians must understand the social context of evidence studied.</li> <li>Understand that no single source of evidence gives the full answer to questions about the past.</li> <li>Refine lines of enquiry as appropriate.</li> <li>Identify continuity and change in the history of the locality of the school.</li> <li>Give a broad overview of life in Britain from medieval until the Tudor and Stuarts times.</li> <li>Compare some of the times studied with those of the other areas of interest around the world.</li> </ul> | The Maya  - Who were the Maya? - List some famous Maya cities Explain what makes the Maya a significant ancient civilization Describe a Maya settlement What would you see in a Maya settlement? - List farming method used by Maya What is meant by the word 'architect'? - Compare and contrast the Maya culture and Aztec culture When did the Maya people develop writing? - How many symbols make up the Maya writing system? - Why were scribes significant, well-respected people? - What evidence is there that Maya developed a writing system? - Investigate the Maya calendar system.  Key vocabulary – architects, innovations, conquistadors, scribe, settlement |

|        |           | • Describe the social, ethnic, cultural or                      |
|--------|-----------|---|
|        |           | religious diversity of past society.                            |
|        |           | religious diversity of past society.                            |
|        |           | - Describes the college deviction for the way of the            |
|        |           | Describe the characteristic features of the                     |
|        |           | past, including ideas, beliefs, attitudes and                   |
| -      |           | experiences of men, women and children.                         |
|        | erstand   | <ul> <li>Describe the main changes in a period of</li> </ul>    |
| Chro   | onology   | history (using terms such as: social, religious,                |
|        |           | political, technological and cultural).                         |
|        |           |   |
|        |           | <ul> <li>Identify periods of rapid change in history</li> </ul> |
|        |           | and contrast them with times of relatively                      |
|        |           | <mark>little change.</mark>                                     |
|        |           |   |
|        |           | <ul> <li>Understand the concepts of continuity</li> </ul>       |
|        |           | and change over time, representing them, along                  |
|        |           | with evidence, on a time line.                                  |
|        |           |   |
|        |           | <ul> <li>Use dates and terms accurately in</li> </ul>           |
|        |           | describing events.  |
| Com    | nmunicate | Use appropriate historical vocabulary                           |
|        | prically  | to communicate, including:                                      |
| 111510 | one daily | To continuonicato, incloding.                                   |
|        |           | • dates   |
|        |           | dales   |
|        |           | • time period   |
|        |           | • time period   |
|        |           |   |
|        |           | • era   |
|        |           |   |
|        |           | <ul><li>chronology</li></ul>                                    |
|        |           |   |
|        |           | <ul><li>continuity</li></ul>                                    |
|        |           | ,   |
|        |           | • change  |
|        |           | chango  |
|        |           | • century   |
|        |           | Cernory   |
|        |           | · do a sido   |
|        |           | • decade  |
|        |           |   |
|        |           | • legacy.   |
|        |           |   |

|                 |             | <ul> <li>Use literacy, numeracy and computing skills to</li> </ul> |  |
|-----------------|-------------|--|--|
|                 |             | an exceptional standard in order to                                |  |
|                 |             | communicate information about the past.                            |  |
|                 |             | '  |  |
|                 |             | Use original ways to present information                           |  |
|                 |             | and ideas.   |  |
| C a a suravala. |             | and ideas.   |  |
| Geography       |             |  |  |
|                 |             |  |  |
| Tourism         | Investigate | Collect and analyse statistics and                                 |  |
|                 | places      | other information in order to draw clear                           |  |
|                 | Process     | conclusions about locations.                                       |  |
|                 |             | Conclusions about locations.                                       |  |
|                 |             |  |  |
|                 |             | Identify and describe how the physical                             |  |
|                 |             | features affect the human activity within a                        |  |
|                 |             | location.  |  |
|                 |             |  |  |
|                 |             | Use a range of geographical resources to                           |  |
|                 |             | give detailed descriptions and opinions of                         |  |
|                 |             | the characteristic features of a location.                         |  |
|                 |             | The characteristic regiones of a location.                         |  |
|                 |             |  |  |
|                 |             | <ul> <li>Use different types of fieldwork</li> </ul>               |  |
|                 |             | sampling (random and systematic) to observe,                       |  |
|                 |             | measure and record the human and physical                          |  |
|                 |             | features in the local area. Record the results in a                |  |
|                 |             | range of ways.   |  |
|                 |             | 13.1.95 51 11.3.751  |  |
|                 |             | Analyse and give views on the effectiveness                        |  |
|                 |             |  |  |
|                 |             | of different geographical representations of                       |  |
|                 |             | a location (such as aerial images compared                         |  |
|                 |             | with maps and topological maps - as in                             |  |
|                 |             | London's Tube map).  |  |
|                 |             |  |  |
|                 |             | Name and locate some of the countries                              |  |
|                 |             | and cities of the world and their identifying                      |  |
|                 |             | ,  |  |
|                 |             | human and physical characteristics, including                      |  |
|                 |             | hills, mountains, rivers, key topographical                        |  |
|                 |             | features and land-use patterns; and understand                     |  |
|                 |             | how some of these aspects have changed over                        |  |
|                 |             | time.  |  |
|                 |             |  |  |
|                 |             |  |  |

|                            | Name and locate the countries of North and South America and identify their main physical and human characteristics.  |  |
|----------------------------|---|--|
| Investigate patterns       | <ul> <li>Identify and describe the geographical significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, and time zones (including day and night).</li> <li>Understand some of the reasons for geographical similarities and differences between countries.</li> </ul> |  |
|                            | <ul> <li>Describe how locations around the world are changing and explain some of the reasons for change.</li> <li>Describe geographical diversity across the world.</li> <li>Describe how countries and geographical</li> </ul>  |  |
| Communicate geographically | regions are interconnected and interdependent.  • Describe and understand key aspects of:   |  |

| Art & Design   |                      | <ul> <li>physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes and the water cycle.</li> <li>human geography, including: settlements, land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals, and water supplies.</li> <li>Use the eight points of a compass, four-figure grid references, symbols and a key (that uses standard Ordnance Survey symbols) to communicate knowledge of the United Kingdom and the world.</li> <li>Create maps of locations identifying patterns (such as: land use, climate zones, population densities, height of land).</li> </ul>   |   |
|--|----------------------|--|---|
| The art of anatomy Sculpture (with drawing and painting) | Master<br>Techniques | <ul> <li>Develop and imaginatively extend ideas from starting points throughout the curriculum.</li> <li>Collect information, sketches and resources and present ideas imaginatively in a sketch book.</li> <li>Use the qualities of materials to enhance ideas.</li> <li>Spot the potential in unexpected results as work progresses.</li> <li>Comment on artworks with a fluent grasp of visual language.</li> <li>Painting</li> <li>Sketch (lightly) before painting to combine line and colour.</li> <li>Create a colour palette based upon colours observed in the natural or built world.</li> <li>Use the qualities of watercolour and acrylic paints to create visually interesting pieces.</li> <li>Combine colours, tones and tints to enhance the mood of a piece.</li> <li>Use brush techniques and the qualities of paint to create texture.</li> </ul> | Theme: The art of anatomy pg's 178-179 CQ companion) Artist: Albrecht Durer  Vocabulary: carve, shape, texture, pattern, framework, wire, mold, clay, slip, form  mechanics, proportions, poise |

 Develop a personal style of painting, drawing upon ideas from other artists. Collage • Mix textures (rough and smooth, plain and patterned). Combine visual and tactile qualities. • Use ceramic mosaic materials and techniques. Sculpture • Show life-like qualities and real-life proportions or, if more abstract, provoke different interpretations. • Use tools to carve and add shapes, texture and pattern. • Combine visual and tactile qualities. • Use frameworks (such as wire or moulds) to provide stability and form. Drawing • Use a variety of techniques to add interesting effects (e.g. reflections, shadows, direction of sunlight). • Use a choice of techniques to depict movement, perspective, shadows and reflection. • Choose a style of drawing suitable for the work (e.g. realistic or impressionistic). • Use lines to represent movement. Print • Build up layers of colours. • Create an accurate pattern, showing fine detail.

• Use a range of visual elements to reflect the

purpose of the work.

|                     |                                  | Textiles   |  |
|---------------------|----------------------------------|--|--|
|                     |                                  | Show precision in techniques.  |  |
|                     |                                  | Choose from a range of stitching techniques.   |  |
|                     |                                  | Combine previously learned techniques to create pieces.  |  |
|                     |                                  | Digital Media • Enhance digital media by editing (including sound, video, animation, still images and installations).  |  |
|                     | Take inspiration from the greats | <ul> <li>Give details (including own sketches) about the style of some notable artists, artisans and designers.</li> <li>Show how the work of those studied was</li> </ul> |  |
|                     |                                  | influential in both society and to other artists.  • Create original pieces that show a range of   |  |
|                     |                                  | influences and styles.   |  |
| Design & Technology |                                  |  |  |
| Textiles            | Master practical skills          | Food   | Textiles   |
| Memory cushions     |                                  | Understand the importance of correct storage<br>and handling of ingredients (using knowledge of<br>micro-organisms).   | <ol> <li>Evaluate cushions (practical- look at techniques and styles and images of cushions)</li> <li>Practise stitching methods for decoration- back</li> </ol> |
|                     |                                  | Measure accurately and calculate ratios<br>of ingredients to scale up or down from a recipe.   | stitch, running stitch, cross stitch, applique  3. Practise joining using back stitch/ design own  |
|                     |                                  | Demonstrate a range of baking and cooking techniques.  | cushion (2 and 3 possibly full afternoon carousel)  4. Decorate front of cushion   |
|                     |                                  | Create and refine recipes, including ingredients, methods, cooking times and temperatures.   | <ul><li>5. Sew cushion together, stuff and finish.</li><li>6. Evaluate own cushion</li></ul>   |
|                     |                                  | Materials  | Textiles: finger fluency   |
|                     |                                  | ·  | ·  |

- Cut materials with precision and refine the finish with appropriate tools (such as sanding wood after cutting or a more precise scissor cut after roughly cutting out a shape).
- Show an understanding of the qualities of materials to choose appropriate tools to cut and shape (such as the nature of fabric may require sharper scissors than would be used to cut paper).

### **Textiles**

- Create objects (such as a cushion) that employ a seam allowance.
- Join textiles with a combination of stitching techniques (such as back stitch for seams and running stitch to attach decoration).
- Use the qualities of materials to create suitable visual and tactile effects in the decoration of textiles (such as a soft decoration for comfort on a cushion).

Flectricals and electronics

• Create circuits using electronics kits that employ a number of components (such as LEDs, resistors, transistors and chips).

### Computing

• Write code to control and monitor models or products.

#### Construction

• Develop a range of practical skills to create products (such as cutting, drilling and screwing, nailing, gluing, filing and sanding).

Mechanics

Textiles: design inspiration
Textiles: guided design-think
Textiles: guided design-break
Textiles: guided design-re-think

Suggested activities- Simple sewing stiches (see

twinkl poster)

## Cushion

Key Vocabulary-running stitch, basting stitch, back stitch, invisible stitch, slip stitch, hemming stitch, overcast stitch, fabric, cotton, linen, seam, applique

|   | T   | I  |
|---|---|--|
|   | <ul> <li>Convert rotary motion to linear using cams.</li> <li>Use innovative combinations of electronics (or computing) and mechanics in product designs.</li> </ul>  |  |
| Design, make,<br>evaluate and<br>improve        | <ul> <li>Design with the user in mind, motivated by the<br/>service a product will offer (rather than simply for<br/>profit).</li> </ul>  |  |
|   | <ul> <li>Make products through stages of prototypes,<br/>making continual refinements.</li> </ul>   |  |
|   | <ul> <li>Ensure products have a high quality finish, using<br/>art skills where appropriate.</li> </ul>   |  |
|   | <ul> <li>Use prototypes, cross-sectional diagrams<br/>and computer aided designs to represent<br/>designs.</li> </ul>   |  |
| Take inspiration from design throughout history |   |  |
|   |   |  |
| Work scientifically                             | <ul> <li>Plan enquiries, including recognising and controlling variables where necessary.</li> <li>Use appropriate techniques, apparatus, and materials during fieldwork and laboratory work.</li> <li>Take measurements, using a range of scientific equipment, with increasing accuracy and precision.</li> <li>Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, bar and line graphs, and models.</li> </ul> | Variation  Variation, inheritance and characteristics.  Learn that human offspring inherit characteristics from their parents explore the concept that other animals inherit characteristics from their parents.  Adaptations  Step 1- animal adaptations understand that adaptations are characteristics which improve the chances of survival in a habitat. Explore specific adaptations of various animals and how these adaptations allow them to survive in their habitats.  Step 2- plant adaptations explore how plants are adapted to survive in their habitats. Discuss similarities and differences between plants within the same habitat.  |
|   | Take inspiration from design throughout history   | • Use innovative combinations of electronics (or computing) and mechanics in product designs.  Design, make, evaluate and improve  • Design with the user in mind, motivated by the service a product will offer (rather than simply for profit).  • Make products through stages of prototypes, making continual refinements.  • Ensure products have a high quality finish, using art skills where appropriate.  • Use prototypes, cross-sectional diagrams and computer aided designs to represent designs.  Take inspiration from design throughout history  Work scientifically  • Plan enquiries, including recognising and controlling variables where necessary.  • Use appropriate techniques, apparatus, and materials during fieldwork and laboratory work.  • Take measurements, using a range of scientific equipment, with increasing accuracy and precision.  • Record data and results of increasing complexity using scientific diagrams and labels, classification |

|                               | <ul> <li>Report findings from enquiries, including oral and written explanations of results, explanations involving causal relationships, and conclusions.</li> <li>Present findings in written form, displays and other presentations.</li> <li>Use test results to make predictions to set up further comparative and fair tests.</li> <li>Use simple models to describe scientific ideas, identifying scientific evidence that has been used to support or refute ideas or arguments.</li> </ul> | Learn that evolution is a process where descendants develop different characteristics from their ancestors, creating new species. Understand that evolution allows organisms to survive and adapt to their environments. Explore examples of animals and plants that have changed over time and why they have needed to evolve, including the need to adapt to their environments or habitats.  Step 4- Charles Darwin Create timeline of Darwin's life. Explore how different species have evolved from a common ancestor.  Step 5- Natural Selection Step 6- Darwin's Finches Learn about Darwin's observations in the Galapagos Islands, "Is the type of food a bird eats related to the shape of its beak?"  Fossils Step 1- Fossil formation Step 2- Explore fossils Step 3- Mary Anning Themed projects |
|-------------------------------|---|---|
| Understand plan               | <ul> <li>Relate knowledge of plants to studies of evolution and inheritance.</li> <li>Relate knowledge of plants to studies of all living things.</li> </ul>  |   |
| Understand animals and humans | <ul> <li>Describe the changes as humans develop to old age.</li> <li>Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood.</li> <li>Recognise the importance of diet, exercise, drugs and lifestyle on the way the human body functions.</li> <li>Describe the ways in which nutrients and water are transported within animals, including humans.</li> </ul>   |   |

| Investigate living       | Describe the differences in the life cycles of a   |  |
|--------------------------|--|--|
| things                   | mammal, an amphibian, an insect and a bird.  |  |
|                          |  |  |
|                          | Describe the life process of reproduction in some  |  |
|                          | plants and animals.  |  |
|                          | Describe how living things are classified into   |  |
|                          | broad groups according to common   |  |
|                          | observable characteristics.  |  |
|                          |  |  |
|                          | Give reasons for classifying plants and animals  |  |
|                          | based on specific characteristics.   |  |
|                          |  |  |
| Understand evolution and | Recognise that living things have changed over time and that fessils provide information about     |  |
| inheritance              | time and that fossils provide information about living things that inhabited the Earth millions of |  |
| Innemance                | years ago.   |  |
|                          |  |  |
|                          | <ul> <li>Recognise that living things produce offspring of</li> </ul>                              |  |
|                          | the same kind, but normally offspring vary and are   |  |
|                          | not identical to their parents.  |  |
|                          | <ul> <li>Identify how animals and plants are adapted to</li> </ul>                                 |  |
|                          | suit their environment in different ways and that  |  |
|                          | adaptation may lead to evolution.  |  |
| Investigate              | Compare and group together   |  |
| materials                | everyday materials based on evidence from comparative and fair tests, including their              |  |
|                          | hardness, solubility, conductivity (electrical and   |  |
|                          | thermal), and response to magnets.   |  |
|                          | ,  |  |
|                          | Understand how some materials will dissolve  |  |
|                          | in liquid to form a solution and describe how  |  |
|                          | to recover a substance from a solution.  |  |
|                          | Use knowledge of solids, liquids and gases   |  |
|                          | to decide how mixtures might be  |  |
|                          | separated, including through filtering, sieving  |  |
|                          | and evaporating.   |  |
|                          |  |  |

| Give reasons, based on evidence                   |  |
|---|--|
| from comparative and fair tests, for the          |  |
| particular uses of everyday materials, including  |  |
|   |  |
| Therais, weed and plasme.                         |  |
| Demonstrate the staffer at the section of         |  |
|   |  |
| and changes of state are reversible changes.      |  |
|   |  |
| Explain that some changes result in               |  |
|   |  |
|   |  |
|   |  |
|   |  |
|   |  |
|   |  |
|   |  |
| planets, relative to the Sun in the solar system. |  |
|   |  |
| Describe the movement of the Moon relative to     |  |
| the Earth.  |  |
|   |  |
| Describe the Sun Earth and Moon as                |  |
|   |  |
| approximately sprietical bodies.                  |  |
|   |  |
|   |  |
| day and night and the apparent movement of the    |  |
| sun across the sky.                               |  |
| Associate the brightness of a lamp or the volume  |  |
|   |  |
|   |  |
|   |  |
| • Compare and give reasons for variations in how  |  |
|   |  |
|   |  |
|   |  |
| position of switches.                             |  |
|   |  |
| Use recognised symbols when representing a        |  |
| simple circuit in a diagram.                      |  |
| _   | <ul> <li>the Earth.</li> <li>Describe the Sun, Earth and Moon as approximately spherical bodies.</li> <li>Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.</li> <li>Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit.</li> <li>Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches.</li> <li>Use recognised symbols when representing a</li> </ul> |

| Understand                  | Magnets   |  |
|-----------------------------|---|--|
| movement,                   |   |  |
| forces and magnets.         | Describe magnets as having two poles.   |  |
|                             | Predict whether two magnets will attract or repel each other, depending on which poles are facing.  |  |
|                             | Forces  |  |
|                             | Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object.  |  |
|                             | Identify the effect of drag forces, such as air resistance, water resistance and friction that act between moving surfaces.   |  |
|                             | Describe, in terms of drag forces, why moving objects that are not driven tend to slow down.  |  |
|                             | Understand that force and motion can be transferred through mechanical devices such as gears, pulleys, levers and springs.  |  |
|                             | Understand that some mechanisms including<br>levers, pulleys and gears, allow a smaller force to<br>have a greater effect.  |  |
| Understand light and seeing | Understand that light appears to travel in straight lines. (1)  |  |
|                             | • Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eyes. (1, 2 & 3)   |  |
|                             | • Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them, and to predict the size of shadows when the position of the light source changes. (4 & 5) |  |

|   |                               | • Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes.(1, 2 & 6)   |   |
|---|-------------------------------|--|---|
|   | Investigate sound and hearing | <ul> <li>Find patterns between the pitch of a sound and features of the object that produced it.</li> <li>Find patterns between the volume of a sound and the strength of the vibrations that produced it.</li> <li>Recognise that sounds get fainter as the distance from the sound source increases</li> </ul>   |   |
| Computing   |                               |  |   |
| Variables in games (Scratch)  Sensing (makecode.microbit.org) | Code                          | <ul> <li>Set IF conditions for movements. Specify types of rotation giving the number of degrees.</li> <li>Change the position of objects between screen layers (send to back, bring to front).</li> <li>Upload sounds from a file and edit them. Add effects such as fade in and out and control their implementation.</li> <li>Combine the use of pens with movement to create interesting effects.</li> <li>Set events to control other events by 'broadcasting' information as a trigger.</li> <li>Use IF THEN ELSE conditions to control events or objects.</li> <li>Use a range of sensing tools (including proximity, user inputs, loudness and mouse position) to control events or actions.</li> <li>Use lists to create a set of variables.</li> </ul> | Summer 1- Programming A- Variables in Games  1 Introducing variables  In this lesson, pupils will be introduced to variables.  Show examples of real-world variables (score and time in a football match)  Children explore variables in a Scratch project then design and make their own project including variables.  Pupils identify that variables are named and can be letters (strings) as well as numbers.  2 Variables in programming  In this lesson, pupils will understand that variables are used in programs, and that they can hold a single value at a time.  Pupils complete an unplugged task that will demonstrate the process of changing variables. |
|   |                               | Use the Boolean operators  |   |

| Round ()                       | Summer 2- Programming   |
|--------------------------------|---|
| after a division calculation   | placeholder.  |
| () Mod () This reports the ren |   |
| Length of ()                   | improved further.   |
| Letter () of ()                | Pupils will evaluate each of features that they like, and     |
| Join () ()                     | This lesson gives pupils the project that they created        |
| Pick Random () to ()           | enhance their project. <b>6 Improving and sharing</b>         |
| to perform calculations.       | learn the importance of n<br>They will have the opportu       |
| () / ()                        | They will identify variables                                  |
| () * ()                        | In this lesson, pupils will import they created in Lesson 4 c |
|                                | flow. <u>5 Design to code</u>                                 |
| () - ()                        | Pupils design the sprites ar project, design their algori     |
| () + ()                        | This lesson focuses on the oprogramming.                      |
| • Use the Reporter operator    | 4 Designing a game  |
| to define conditions.          | Add comments to their pro                                     |
| Not()                          | Experiment with using different with using a variable elsev   |
| ()or()                         | their predictions in Scratch                                  |
|                                | Predict the outcome of ch<br>score block in different po      |
| ()and()                        | enhance an existing gam                                       |
| () > ()                        | 3 Improving a game In this lesson, pupils will ap             |
| () = ()                        | name, and update variab                                       |
| () < ()<br>                    | Explore why it is important learning in a Scratch proje       |

nt to name variables, then apply ject in which they will make, ables.

pply the concept of variables to me in Scratch.

changing the same change parts of a program, then test ch.

fferent values in variables, and ewhere in a program.

project, explaining how they of the lesson.

design elements of

and backgrounds for their orithms to create their program

nplement the algorithms that as code.

es in an unfamiliar project and naming variables.

tunity to add another variable to

e opportunity to build on the d in Lesson 5.

other's projects, identifying nd features that could be

ibles, events, algorithm, value,

**B- Sensing** 

|  |             | () of ().  | As we don't have micro:bits available, we will use  |
|--|-------------|--|---|
|  |             | N. V.  | makecode.microbit.org to emulate this (using an   |
|  |             |  | onscreen micro:bit)   |
|  | Connect     | Collaborate with others online on sites approved and moderated by teachers.  | 1- <u>The micro:bit</u> In this lesson, learners will be introduced to the micro:bit  |
|  |             | Give examples of the risks of online communities<br>and demonstrate knowledge of how to minimise<br>risk and report problems.  | as an input, process, output device that can be programmed. Familiarise themselves with the device and the programming environment.  Create their own programs.   |
|  |             | <ul> <li>Understand and demonstrate knowledge that it<br/>is illegal to download copyrighted<br/>material, including music or games, without<br/>express written permission, from the copyright<br/>holder.</li> </ul> | Flash their programs to the device.  2- Go with the flow  In this lesson, learners will explore how if, then, else statements are used to direct the flow of a program.  Relate if, then, else statements to real-world situations. |
|  |             | <ul> <li>Understand the effect of online comments and<br/>show responsibility and sensitivity when online.</li> <li>Understand how simple networks are set up and</li> </ul>   | Create programs in <b>MakeCode</b> .  Apply their knowledge of <b>if, then, else</b> statements to create a program that features selection influenced by a random number to create a micro:bit fortune teller                      |
|  |             | used.  | project.  |
|  | Communicate | Choose the most suitable applications<br>and devices for the purposes of communication.  | 3-  |
|  |             | <ul> <li>Use many of the advanced features in order<br/>to create high quality, professional or<br/>efficient communications.</li> </ul>   | Key Vocabulary – emulator, controllable device, conditions, variables, senses, flow, input, output.   |
|  | Collect     | Select appropriate applications to<br>devise, construct and manipulate data and<br>present it in an effective and professional manner.   | variables, senses, now, input, output.  |
| Music                                    |             |  |   |
| Y6<br>Summer term 1 – Unit 5             | Perform     | Sing or play from memory with confidence.  | See separate planning documentation from CharangaStart to learn the song  |
| Using Chords and<br>Structure            |             | Perform solos or as part of an ensemble.   | -Sing the song -sing the song and play instrumental parts within the  |
| How Does Music Shape<br>Our Way Of Life? |             | Sing or play expressively and in tune.   | song. Warm up games   |
| Summer term 2 – Unit 6                   |             | Hold a part within a round.  | Flexible games (optional) Improvise   |

| Daniel Branch Ollins                      |            | C'a a a la company a confidential and a constant               |   |
|---|------------|--|---|
| Respecting Each Other through Composition |            | Sing a harmony part confidently and accurately.                | Compose<br>Compose                                    |
| How Does Music                            |            |  | Play composition within your song                     |
| Connect Us With The                       |            | Sustain a drone or a melodic ostinato                          | Choose and play any of the options below, then decide |
| Environment?                              |            | to accompany singing.  | which one to practise for the end-of-unit performance |
| EUAROUMEUI                                |            |  | -Listen and appraise activities                       |
| <u>Understanding Music</u>                |            | <ul> <li>Perform with controlled breathing (voice)</li> </ul>  | -Warm up games  |
| Vocabulary                                | _          | and skillful playing (instrument).                             | - waith op games                                      |
| Unit 5                                    | Compose    | <ul> <li>Create songs with verses and a chorus.</li> </ul>     | Glockenspiel  |
| Tempo: 76 bpm (beats                      |            |  | Clockerispier   |
| per minute = tempo)                       |            | <ul> <li>Create rhythmic patterns with an awareness</li> </ul> |   |
| Time signature: 6/8 (six                  |            | of timbre and duration.  |   |
| quaver beats in every                     |            |  |   |
| bar)                                      |            | <ul> <li>Combine a variety of musical devices,</li> </ul>      |   |
| Key signature: D minor                    |            | including melody, rhythm and chords.                           |   |
| Rhythmic patterns using:                  |            |  |   |
| Dotted crotchets, triplet                 |            | Thoughtfully select elements for a piece in                    |   |
| quavers and quavers                       |            | order to gain a defined effect.                                |   |
| Melodic patterns using:                   |            |  |   |
| D, E, F, G and A                          |            | Use drones and melodic ostinati (based on                      |   |
|   |            | the pentatonic scale).   |   |
| Unit 6                                    |            |  |   |
| Tempo: 66 bpm (beats                      |            | Convey the relationship between the lyrics                     |   |
| per minute = tempo)                       |            | and the melody.  |   |
| Time signature: 2/4 (two                  |            | ,  |   |
| crotchet beats in every                   |            | Use digital technologies to compose, edit                      |   |
| bar)                                      |            | and refine pieces of music.                                    |   |
| Key signature: C major                    | Transcribe | Use the standard musical notation of                           |   |
| Rhythmic patterns using:                  |            | crotchet, minim and semibreve to indicate how                  |   |
| Minims, crotchets,                        |            | many beats to play.  |   |
| quavers and                               |            |  |   |
| semiquavers                               |            | Read and create notes on the musical stave.                    |   |
| Melodic patterns using:                   |            |  |   |
| C, D, E, F, G, A and B                    |            | Understand the purpose of the treble and                       |   |
|   |            | bass clefs and use them in transcribing                        |   |
|   |            | compositions.  |   |
|   |            | Gorn position to   |   |
|   |            | Understand and use the # (sharp) and b                         |   |
|   |            | (flat) symbols.  |   |
|   |            | (IICI) SYTTIDOIS.  |   |
|   |            | • Hea and understand simple time signs times                   |   |
|   |            | Use and understand simple time signatures.                     |   |

| Describe music | Choose from a wide range of musical  |  |
|----------------|--|--|
| Describe music | vocabulary to accurately describe and appraise   |  |
|                | music including:   |  |
|                | Those moleculing.  |  |
|                | • pitch  |  |
|                | • dynamics   |  |
|                | • tempo  |  |
|                | • timbre   |  |
|                | • texture  |  |
|                | lyrics and melody  |  |
|                | sense of occasion  |  |
|                | • expressive   |  |
|                | • solo   |  |
|                | • rounds   |  |
|                | • harmonies  |  |
|                | • accompaniments   |  |
|                | • drones   |  |
|                | cyclic patterns  |  |
|                | combination of musical elements  |  |
|                | • cultural context.  |  |
|                | Describe how lyrics often reflect the cultural context of music and have social meaning. |  |

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| Rounders  | Develop practical skills in | Games  |
|-----------|-----------------------------|--|
| Handball  | order to                    | Choose and combine techniques in   |
| Cricket   | participate, compete and    | game situations (running, throwing, catching, passing, jumping and kicking, etc.).   |
| Athletics | lead a healthy<br>lifestyle |  |
| Amenes    | mestyle                     | <ul> <li>Work alone, or with team mates in order to gain<br/>points or possession.</li> </ul>  |
|           |                             | <ul> <li>Strike a bowled or volleyed ball with accuracy.</li> </ul>  |
|           |                             | • Sinke a bowled of volleyed ball with accordey.   |
|           |                             | <ul> <li>Use forehand and backhand when<br/>playing racket games.</li> </ul>   |
|           |                             |  |
|           |                             | <ul> <li>Field, defend and attack tactically<br/>by anticipating the direction of play.</li> </ul>   |
|           |                             | Choose the most appropriate tactics for a  |
|           |                             | game.  |
|           |                             | <ul> <li>Uphold the spirit of fair play and respect in all</li> </ul>  |
|           |                             | competitive situations.  |
|           |                             | Lead others when called upon and act as a  |
|           |                             | good role model within a team.   |
|           |                             |  |
|           |                             | ATHLETICS  |
|           |                             | Time to the second seco |
|           |                             |  |
|           |                             | Combine sprinting with low hurdles over 60   |
|           |                             | metres.  |

# Rounders - Get Set 4 PE

- 1 To develop the bowling action and understand the role of the bowler.
- 2 To develop a batting technique.
- 3 To make decisions about where and when to send the ball to stump the batter out.
- 4 To develop a variety of fielding techniques and when to use them in a game.
- 5 To develop long and short barriers in fielding and understand when to use them.
- 6 To apply the rules and skills you have learnt to play a tournament.

**Key vocabulary –** throwing, catching, bowling, tracking, fielding, retrieving, batting, organising, base, bowler, back stop, teamwork, co-operation, stump, rounder

#### OAA

- 1- To build communication and trust whilst showing an awareness of safety.
- 2- To work as a team to solve problems, sharing ideas and collaborating with one another.
- 3- To develop tactical planning and problem solving.
- 4- To share ideas and work as a team to solve problems.
- 5- To develop navigational skills and map reading.
- 6- To use a key to identify objects and locations.

### **PPA- Cricket**

- 1 To develop throwing accuracy and catching skills.
- 2 To develop batting accuracy and directional batting.
- 3 To develop catching skills.
- 4 To develop overarm bowling technique and accuracy.
- 5 To develop a variety of fielding techniques and use them within a game.
- 6 To develop long and short barriers and apply them to a game situation.

**Key vocabulary –** underarm and overarm throw, catching, underarm and overarm bowling, long and short barrier, batting, bowler, wicket keeper, fielder, tracking, tactics, accuracy

**PPA -Athletics** (Lisa)

 Choose the best place for running over a variety 1 – To work collaboratively with a partner to set a steady of distances. pace. 2 – To develop your own and others sprinting technique. 3 – To develop power, control and technique for the triple jump. 4 – To develop power, control and technique when • Throw accurately and refine performance by throwing for distance. analysing technique and body shape. 5 – To develop throwing with force and accuracy for longer distance. 6 – To work collaboratively in a team and develop officiating skills of measuring, timing and recording. • Show control in take off and landings when **Key vocabulary -** pacing, sprinting, jumping for distance, push jumping. throw for distance, fling for distance, power, control, accuracy, collaboratively, jump, hop, Compete with others and keep track of personal best performances, setting targets for improvement. Outdoor and adventurous activities • Select appropriate equipment for outdoor and adventurous activity. • Identify possible risks and ways to manage them, asking for and listening carefully to expert advice. • Embrace both leadership and team roles and gain the commitment and respect of a team. • Empathise with others and offer support without being asked. Seek support from the team and the experts if in any doubt. • Remain positive even in the most challenging circumstances, rallying others if need be.

|                     |  | <ul> <li>Use a range of devices in order to orientate themselves.</li> <li>Quickly assess changing conditions and adapt plans to ensure safety comes first.</li> </ul>  |  |
|---------------------|--|---|--|
| R.E                 |  |   |  |
| Religious Movements | Understand beliefs and teachings  Understand practices and lifestyles  Understand how beliefs are conveyed | Explain how some teachings and beliefs are shared between religions.  Explain how religious beliefs shape the lives of individuals and communities.  Explain the practices and lifestyles involved in belonging to a faith community.  Compare and contrast the lifestyles of different faith groups and give reasons why some within the same faith may adopt different lifestyles.  Show an understanding of the role of a spiritual leader.  Explain some of the different ways that individuals show their beliefs. | New religious movements – Rastafarianism. Look at the Rastafarian beliefs and key symbols and their meanings. Compare with other religious symbols.  Look at the Rastafarian ways of living – the 10 principles. Can they spot any comparisons between these and the 10 commandments?  Look at how chanting, prayer and meditation play a key role in Rastafarian religion to obtain a heightened sense of spirituality. Complete meditation as whole class. How did children feel afterwards?  Learn about important holy days and celebrations, eg Ethiopian Christmas (7th January).  Learn about the Rastafarian Journey of Life and their beliefs on birth and death.  Find out how art, music and creativity are used as a medium for social and spiritual messages.  What is the Salvation Army and why are they called an Army? Link back to work on the Victorians  Look at key signs and symbols, including the flag and the meaning behind the different colours. Compare this to work on Rastafarian religion.  Learn about William Booth and why he devoted his life to helping others. |

| RSE & PSED    |  | What is a refugee? Learn about how the Salvation Army have supported refugees across Europe.  What is a promise? Learn about the Salvation Army commitment and promises.  Consider how Christians would resolve conflicts.  At least 2 examples of spirituality/New Religious Movements.  RASTAFARIANISM & THE SALVATION ARMY  Exploring what is meant by the term 'Spirituality' and how this relates to religion as a formal system of beliefs and practices. Exploring examples of New Religious Movements and considering reasons for their rise in popularity in the 21st century. Opportunities to compare and contrast with other religions studies at KS2. Pg: 38  Reflect Recognise and express feelings about their own identities. Relate these to religious beliefs or teachings. Explain their own ideas about the answers to ultimate questions.  Explain why their own answers to ultimate questions may differ from those of others.  Understand values  Explain why different religious communities or individuals may have a different view of what is right and wrong. Show an awareness of morals and right and wrong beyond rules.  Express their own values and remain respectful of those with different values.  Suggested ideas:  Look at and explore both spiritual religious movements, compare and contrast.  Key vocabulary – spirituality, belief, religious movements |
|---------------|--|--|
|               |  |  |
| Relationships | <ul> <li>I know that it is important to take care of<br/>my mental health</li> </ul> | Summer 1- Jigsaw Relationships  1) What is mental health?  2) My mental health.  3) Love and loss.   |

|             | <ul> <li>I understand that people can get problems with their mental health and that it is nothing to be ashamed of</li> <li>I know how to take care of my mental health</li> <li>I can help myself and others when worried about a mental health problem</li> <li>I understand that there are different stages of grief and that there are different types of loss that cause people to grieve</li> <li>I can recognise when I am feeling those emotions and have strategies to manage them</li> <li>I can recognise when people are trying to gain power or control</li> <li>I can demonstrate ways I could stand up for myself and my friends in situations where others are trying to gain power or control</li> <li>I can judge whether something online is safe and helpful for me</li> <li>I can resist pressure to do something online that might hurt myself or others</li> <li>I can use technology positively and safely to communicate with my friends and family</li> <li>I can take responsibility for my own safety and well-being</li> </ul> | 4) Power and control 5) Being online- real or fake? Safe or unsafe? 6) Using technology responsibly.   |
|-------------|--|--|
| Changing me | <ul> <li>I am aware of my own self-image and how my body image fits into that</li> <li>I know how to develop my own self esteem</li> <li>I can explain how girls' and boys' bodies change during puberty and understand the importance of looking after yourself physically and emotionally</li> <li>I can express how I feel about the changes that will happen to me during puberty</li> <li>I can describe how a baby develops from conception through the nine months of pregnancy, and how it is born</li> <li>I can recognise how I feel when I reflect on the development and birth of a baby</li> </ul>  | Summer 2- Jigsaw Changing me  1) Self-image 2) Puberty 3) Babies- conception to birth 4) Boyfriends and girlfriends 4a) Adolescent friendships alternative 5) Real self and ideal self 6) The year ahead |

| <ul> <li>I understand how being physically attracted to someone changes the nature of the relationship and what that might mean about having a girlfriend/ boyfriend</li> <li>I understand that respect for one another is essential in a boyfriend/girlfriend relationship, and that I should not feel pressured into doing something I don't want to</li> <li>I know myself well enough to maintain positive relationships with others whilst still keeping my own identity</li> <li>I can be assertive when appropriate</li> <li>I am aware of the importance of a positive self-esteem and what I can do to develop it</li> <li>I can express how I feel about my self-image and know how to challenge negative 'body-talk'</li> <li>I can identify what I am looking forward to and what worries me about the transition to secondary school /or moving to my next class.</li> <li>I know how to prepare myself emotionally for the changes next year.</li> </ul> |  |
|--|--|
|  |  |