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|  | **Autumn 1** | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1** | **Summer 2** |
| **Science****LC** | What do we know about light? | How do forces work? | Are rocks, soils and fossils important? | Do humans and animals need a healthy diet? | Why do plants and trees have flowers? | Why is water needed for plants to grow? |
| **History/Geog. LC** | **What Changed Between The Stone Age and The Iron Age?** | **What Do We Know About The UK?** | **What did the Ancient Egyptians Achieve?** |
| **Key Knowledge** | **Science:****Physics**- Know that dark is the absence of light- Know that light is needed in order to see and is reflected from a surface- Know and demonstrate how a shadow is formed and explain how a shadow changes shape- Know about the danger of direct sunlight and describe how to keep protected**History:**- Know how Britain changed between the beginning of the stone age and the iron age and what evidence has been found in Runcorn- Know the main differences between the stone, bronze and iron ages | **Science:** **Physics**- Know about and describe how objects move on different surfaces- Know how a simple pulley works and use to on to lift an object- Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials- Know about and explain how magnets attract and repel- Predict whether magnets will attract or repel and give a reason**History:**- Know what is meant by ‘hunter-gatherers’ | **Science:** **Chemistry**- Compare and group rocks based on their appearance and physical properties, giving reasons- Know how soil is made and how fossils are formed- Know about and explain the difference between sedimentary, metamorphic and igneous rock**Geography:****Human and Physical**-Know the difference between Great Britain, The British Isles and the United Kingdom-Know the names of and locate at least eight counties and at least six cities in England**Skills and Fieldwork**- Know and name the eight points of a compass | **Science:****Biology** - Know about the importance of a nutritious, balanced diet- Know how nutrients, water and oxygen are transported within animals and humans- Know about the skeletal and muscular system of a human**Geography:****Human and Physical** - Know at least five differences between living in Runcorn in the UK and a Mediterranean country**-** Know the names of and locate at least eight European countries**Skills and Fieldwork**- Use maps to locate European countries and capitals. | **Science:****Biology** - Know the function of different parts of flowing plants and trees**History:**- Know about, and name, some of the advanced societies that were in the world around 3000 years ago | Science:**Biology** - Know how water is transported within plants- Know the plant life cycle, especially the importance of flowersspecifically found in Floodbrook Clough**History:**- Know about the key features of Ancient Egypt |
| **Retrieval**  | Pupils explored a period beyond living memory in Year 2They know how artefacts can help to explain how things have changedPupils will have some understanding about what we use today being linked to something that was invented or discovered some time agoPupils will have used a number of photographs or actual artefacts to help them explore this a bit furtherBecause pupils will have knowledge of dinosaurs there will be a need to explain that the period of time they are going to look at, i.e., when people first lived in Britain, was after the dinosaurs had disappeared off our Earth |  | Some pupils may have been on holiday in a European cityHowever, some may have been but not linked the city to EuropeSome may have familiarity through foods, e.g. pizzaFood technology opportunities may have familiarised some pupils with different European foodThey may be familiar with a globe but not with the southern and northern hemispheresMany may know names of cities in England but have not learned yet where they are on a map of the UK | Some children may have links to holidays in the MediterraneanSome children may be able to talk about differences in food and climate when it comes to consider the MediterraneanMany may have heard of the Mediterranean but may not know what it is |  |  |
| **Texts to be used** | The Boy with the Bronze Axe by Kathleen FidlerThe First Drawing | AtlasesO/S Symbols | The Plot on the Pyramid by Terry Deary |
| **Creative Arts** | D&T- Model of Skara BraeCave Art- pastels and paintLion Man sketches and clay models | Collage, line drawing/painting of a landscapeBuild a 3D building from a range of resources | D&T - Create a ShadufMake a papyrus scroll and draw on it withHieroglyphicsDraw and paint an Egyptian Death Mask |
| **Expressive Arts** | Flight of the bumblebee by Rimsky-KorsakovFind out about musical instruments and musical stones | Listening to and appraising music specific to each home country | Learn the song, ‘Gift of the Nile’, line by line through the call and response techniques |
| **Hook** | A box of resources relating to the period in history | Come fly with me! A whistle stop tour of the four countries that create the United Kingdom | Can you wrap a mummy?  |
| **Writing Genre** | ListsDiary entry | Explanation textLetter writing  | Diary entryInformation text |
| **Experiences (visit)** | Local walk- to compare our current landscape to a settlement | Locality Walk – What do we have in our local area? Taste tasting foods from around the United Kingdom  | Museum and workshop visit  |
| **Outdoor Learning** | Local walk What can we find outside that would help us to survive during the Stone/Iron/Bronze Age?Light and shadows | Map reading Compass points- what landmarks can we see from the playground North, South, East and West. | Exploring school grounds – plant and tree observationsFieldwork- School Grounds and Floodbrook Clough Vegetable plot  |
| **Global Neighbours** |  | How has the pandemic affected our country?  |  |
| **Community** |  | Maps- places of in interest in Runcorn  | Fieldwork- School Grounds and Floodbrook Clough |
| **Spiritual Development** | The Druids- Stone Age spiritual leadersStone Henge- what is its purpose? |   | Who did the Ancient Egyptians worship?The Pyramids |
| **Citizenship** | Friendship- the importance of looking after each other  | Compare a family living in Runcorn to a family living in a European country  |  |
| **Homework** | Learning Log – Learning Enquiry | Learning Log – PSHE | Learning Log- Literacy | Learning Log –Science | Learning Log - Maths | Learning Log - |
| **Additional Science** | Know about and explain a simple food chainKnow what humans need to surviveUses of different materials (stone, bronze, metal) | Weather- linked to the water cycle | Importance of living near water to help plants and animals to survive to sustain the civilisation Know what humans need to survive- linked to nutrition |