

## Year 5 and 6 Curriculum 2018-19

Autumn 1 – Greece Lightning	Autumn 1 - Black History Week	Autumn 2 –The Great War
<p><b>HISTORY</b> Plot timeline of Ancient Greek civilization. Use artefacts e.g. Greek pottery to find out about life in the era. Research everyday life in Ancient Greece using a variety of sources. Find out about the Ancient Greek Olympics.</p> <p><b>GEOGRAPHY</b> Locate Greece on a map of Europe. Identify key geographical features of Greece - locate mountains, islands, neighbouring countries and seas.</p> <p><b>PSHE/Citizenship:</b> Health and Wellbeing</p> <p><b>ART</b> Draw/sketch Ancient Greek pots using observational drawing skills. Construct and decorate a clay pot using coils or a thumb pot</p> <p><b>MUSIC</b> <b>Y5 Living on a Prayer.</b> As well as learning to sing, play, improvise and compose with this song, children will listen and appraise other classic rock songs. <b>Y6</b> Whole class drumming tuition.</p> <p><b>PE</b> Ball skills - Invasion games (Rugby) <i>Additional topic link:</i> Explore dance to enact a fight between the Greeks and the Trojans. Explore the different sports that made up the Ancient Greek Olympics.</p> <p><b>RE</b> <b>Y5</b> Why care about the planet? <b>Y6</b> What is your creed?</p> <p><b>SCIENCE</b> <b>Y5 <u>Living Things and Their Habitats:</u></b> Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird. Describe the life process of reproduction in some plants and animals. <b>Y6 <u>Living Things and Their Habitats</u></b> :Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals. Give reasons for classifying plants and animals based on specific characteristics. <i>Additional topic link:</i> Look at all the factors that have caused Greek temples to erode. Conduct an experiment to find out the impact of erosion on different types of rocks.</p>		<p><b>HISTORY</b> Research the history and power of the British Empire. Find out about the key events that triggered the start of world war one. Place events on a timeline. Look at images of the trenches - range of photographs depicting various aspects of life on the front line. Children research the lives of key women who served on the front line during the war effort. Flora Sandes, Edith Cavell, Gabrielle Petit. How do the accounts of the Christmas truce vary? Children write diary entries/letters home in role of a soldier telling the story of the truce. Children find out about how WW1 ended. What was the armistice agreement? What were the financial implications for the different countries? Investigate the cost of appeasement. Find out about the creation of 'The League of Nations' which became the 'United Nations' What is this aim of this organisation? What has it achieved? Create a leaflet about the United Nations.</p> <p><b>GEOGRAPHY</b> Locate countries of the British empire on a world map.</p> <p><b>PSHE/Citizenship:</b> Health and Wellbeing</p> <p><b>ART</b> Children create an image of the trenches using graphic pencils, pastels and charcoal</p> <p><b>DESIGN TECHNOLOGY</b> Children use chicken wire, paper mache and other modelling materials to create models of the trenches.</p> <p><b>MUSIC</b> <b>Y5</b> classroom Jazz 1. All the learning is focused around learning to play two tunes and improvising: Three Note Bossa and The Five Note Swing. <b>Y6</b> Whole class Drumming Tuition</p> <p><b>PE</b> Dance &amp; Health related fitness.</p> <p><b>RE</b> <b>Y5</b> Why do Christians celebrate Holy Communion? <b>Y6</b> Why is the Qu'ran called Holy?</p> <p><b>SCIENCE</b> <b>Y5 Forces:</b> Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object. Identify the effects of air resistance, water resistance and friction that act between moving surfaces. Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.</p>

<p><b>FOREIGN LANGUAGES</b> Y5 Numbers 20-60, dates, months Y6 Who am I? Additional topic link: Investigate and understand Greek origins of words within the English language. <b>COMPUTING</b> Y5 and Y6 Coding.</p>		<p><b>Y6 Electricity:</b> <input type="checkbox"/> Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit. 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. Use recognised symbols when representing a simple circuit in a diagram.</p> <p><b>FOREIGN LANGUAGES</b> Y5 Clothes Y6 Where I live <b>COMPUTING</b> Y5 and Y6 Online safety and Spreadsheets. Additional topic link: Create presentations about the key women who served on the front line.</p>
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## Spring 1 – The European Union

### HISTORY

Find out about the history of the European Union, how and why it was formed and how it grew and developed over time.

### GEOGRAPHY

Locate Europe on a map of the world. Identify countries, capital cities and flags of Europe. Find out which countries are members of the EU and find them on a map, their capital cities, the phases of EU expansion, and what is meant by freedom of movement within the EU.

### PSHE/Citizenship:

Relationships

*Additional topic link:* Demonstrate a basic understanding of the parliamentary system of the UK and the EU and take part in a debate using information provided. Conduct independent research to find out information about the history of the euro and the countries that have chosen to adopt it as their currency.

### DESIGN TECHNOLOGY

Use a range of skills to disassemble a soft toy and recognize the different materials and their properties. Explain some simple features that make the toys safe for children to play with. Explain why some materials are suitable and others are unsuitable for children to play with. Children will explain why it is important to have laws that ensure that toys are manufactured safely.

### ART

Research works by key European artists. Use different artistic techniques to recreate some of their masterpieces.

### MUSIC

**Y5** Make You Feel my Love. The material presents an integrated approach to music where games, elements of music (pulse, rhythm, pitch etc), singing and playing instruments are all linked.

**Y6** Happy. All the learning in this unit is focused around one song: Happy by Pharrell Williams - a Pop song with a Soul influence about being happy. What makes you happy?

### PE

**Y5** Gym-Matching/Mirroring/synch and canon in routines/Dribbling and shooting games (hockey/football)

**Y6** Gym-Flight/linking movements and routines/Dribbling and shooting games (hockey/football)

### RE

**Y5** Is getting your own back ok?

**Y6** Why do Jews celebrate the Sabbath?

### SCIENCE

**Y5 Animals, Including Humans:** describe the changes as humans develop to old age.

**Y6 Animals, Including Humans:** □ Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.

Describe the ways in which nutrients and water are transported within animals, including humans.

## Spring 2 – Out of This World

### HISTORY

Find out about key historical space events e.g. Moon landing, Space race. Research key figures related to space e.g. Yuri Gagarin, Neil Armstrong. Find out about historical space disasters.

### GEOGRAPHY

Plot launch sites on world maps. Research countries with space programmes.

### PSHE/Citizenship

Relationships

*Additional topic link:* What nationalities are there within the International Space Centre? How are they able to interact/live in harmony? Consider moral implications of funding space programmes at the expense of third world countries. Consider issues of Science vs Religion.

### DESIGN TECHNOLOGY

Children design and make their own space rocket to a design brief. Work in groups to create a model solar system.

### ART

Use coloured chalks and shading/texture to create the atmospheric landscape of different planets.

### MUSIC

**Y5** The Fresh Prince of Belair. Sing, play, improvise and compose around tunes based from the Hip Hop genre.

**Y6** Classroom Jazz 2. All the learning is focused around two tunes: Bacharach Anorak and Meet The Blues. Learn about integrated dimensions of music.

*Additional topic link:* Compose a soundtrack to a video of a shuttle launch.

### DE

Court Games (Netball) & Invasion games (Basketball)

*Additional topic link:* Create an alien dance to 'Sci-fi' music.

### RE

**Y5** Who was Jesus?

**Y6** Do we have a soul?

### SCIENCE

**Y5 Earth and Space:** □ Describe the movement of the Earth, and other 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 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.

**Y6 Light:** 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 that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes. Use the idea that light travels in straight lines to

**FOREIGN LANGUAGES**

**Y5** The body.

**Y6** Numbers 60-100, shopping.

**COMPUTING**

**Y5** Pictograms

**Y6** Blogging.

**Additional topic link:** Use ICT to create quizzes based on an aspect of Europe and to research information and present findings in a variety of different ways.

explain why shadows have the same shape as the objects that cast them.

**Additional topic link:** Research astronaut's diet. Create aliens that are adapted to the environment of different planets. Research environmental conditions of different planets to draw conclusions about which would best support life. Research different time zones around the world.

**FOREIGN LANGUAGES**

**Y5** A French Town

**Y6** Leisure Time

**COMPUTING**

**Y5** Game Creating

**Y6** Text Adventures.(coding)

**Additional topic link:** Use movie programme to create live report of alien landing.

## Summer 1 – Britain at Play

### HISTORY

Find out about the history of key sporting events e.g. Wimbledon. Create a timeline of key sporting events. Find out about famous sporting heroes.

### GEOGRAPHY

Explore Ordnance Survey Maps of the local area - identify places for leisure activities. Look at land use - locate parks and other recreation areas.

### PSHE/Citizenship

The Wider World

*Additional topic link:* Learn about the systems and forms of government in Mexico.

### DESIGN TECHNOLOGY/ART

Design and make a Mayan inspired mask using mouldable materials. Prepare and cook healthy Mexican food.

### MUSIC

**Y5** Whole class drumming tuition.

**Y6** You've Got a Friend - a song about friendship by Carole King. Develop musical notation theory skills alongside rhythm and pulse activities in a range of carol King songs.

*Additional topic link:* Compose and perform music to accompany a Mayan ritual.

### PE

Net/Wall games/Striking and fielding

*Additional topic link:* Compose, rehearse and perform your own Mayan dance.

### RE

**Y5** Why do Jews celebrate Passover?

**Y6** Why go on a Pilgrimage? Why do Christians go on a pilgrimage?

### SCIENCE

**Y5 Properties and Changes of Materials:** Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets. Know that 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 metals, wood and plastic. □ Demonstrate that dissolving, mixing and changes of state are reversible changes. Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.

**Y6 Evolution and Inheritance:** □ Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. Recognise that living things

## Summer 2 – Mexico and the Mayans

### HISTORY

Research the ancient civilization of the Mayans, including lifestyle and key beliefs. Offer historical opinions as to why the Mayans 'disappeared'.

### GEOGRAPHY

Use map skills to locate cities and countries of the world and identify lines of latitude and longitude. Compare geographical features of Mexico and the UK including climate, size, land use etc.

### PSHE/Citizenship

The Wider World

### DESIGN TECHNOLOGY

Create a plan/design of a new leisure centre. Choose materials to furnish.

### ART

Create a 3D sculpture based on a chosen sport. Create sketches of people in motion.

### MUSIC

**Y5** Whole class drumming tuition.

**Y6** End of Year Production.

*Additional topic link:* Explore types of popular music - create a new rap.

### PE

Athletics and creative games

### RE

**Y5** Why do Muslims worship?

**Y6** What do you think God is like?

### SCIENCE

Revision with additional investigations and experiments to deepen learning linked to programme of study for year groups.

*Additional topic link:* Gardening teams set up small plots within local grounds - find out about how plants grow. Look at the composition of a healthy meal.

### FOREIGN LANGUAGES

**Y5 and 6** - Review and Consolidation of units.

### COMPUTING

**Y5** Concept Maps

**Y6** Quizzing

*Additional topic link:* Create web blogs of sporting events.

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produce offspring of the same kind, but normally offspring vary and are not identical to their parents. Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

*Additional topic link:* Investigate how we could keep people cool in warm countries.

#### **FOREIGN LANGUAGES**

**Y5** Weather

**Y6** School

*Additional topic link:* Learn a range of key phrases in Spanish.

#### **COMPUTING**

**Y5** Modelling

**Y6** Networks.

The delivery of SATs tests in Year 6 may have an impact on the depth of coverage of this topic.

Y6 will complete intensive transition activities for Secondary School which may impact on depth of coverage within other subject areas.