

### 43 Curriculum Plan Class 4 Years 3 and 4 Summer 2017

#### 1<sup>st</sup> Half Term topic: 'My World'    2<sup>nd</sup> Half Term Topic: 'Homes and Habitats'

English	See separate plan: 'English for academic year – Class 4'
Maths	See separate plan: 'Mathematics for academic year – Class 4'
Science	<p>1<sup>st</sup> Half Term Topic 'My World'</p> <p>Link with earth and Space from previous term</p> <p>Materials that come from the Earth</p> <p>Sustainability and conservation (not in new National Curriculum)</p> <p>2<sup>nd</sup> Half Term Topic: 'Homes and Habitats'</p> <p>Living things and their Habitats</p> <p>recognise that living things can be grouped in a variety of ways</p> <p>explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment</p> <p>recognise that environments can change and that this can sometimes pose dangers to living things.</p> <p>describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird</p> <p>describe the life process of reproduction in some plants and animals.</p>
History	
Geography	<p>1<sup>st</sup> Half Term Topic: 'My World'</p> <p>locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities</p> <p>understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom (Minsterley area) and a region in a European country</p> <p>identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)</p> <p>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</p>
Computing	<p>Programming</p> <p>Expand unit on repetition and include how "Loops" can be used to repeat the same action over and over again.</p> <p>Learn how to use the above to make timers</p> <p>Apply these skills to the use of animation.</p> <p>Free code and use creativity to make apps and games building on use of variables learn earlier in the year.</p> <p>Children begin to design their own webpages</p>

	<p>Creativity beyond programming.  Use of key to identify minibeasts and the way this can transfer into a digital model.  Use of decision tree software to support the above.  Using the technology to visit and get information from areas of the world we are not able to visit e.g. Barefoot Atlas on iPad.</p> <p>Applying ICT in society  The development of the World Wide Web  The work of Tim Berners-Lee and the vision for the technology.  How the communication networks benefit all wherever they are in the world.  Countries where the internet is restricted.  Using translation software.</p> <p>Safety  Keeping safe is not just local but on a worldwide scale.  The need for safety regulation and how other parts of the world do not have the checks they we might enjoy.</p>
Art and Design	<p>Images of our planet  Making a design for an environmental friendly home.  Investigating rare and surprising things about our world.  Using recycled materials to make a piece of 3D artwork.  Using a microscope to look in detail at seeds, leaves and minibeasts and find ways to use these patterns in a piece of art work.  Look at the work of forest and environmental sculptors and create a piece of environmental art.</p>
Design Technology	<p>Design a bird feeder.  Design a useful product to save waste .  Ways we can conserve energy.</p>
Music	<p>Children will benefit from specialist teaching through the Shropshire School of Music. This will include learning a brass instrument and an end of year event to perform for an audience.</p> <p>An experience of music from around the world.  Making instruments from recycled materials for composition and performance.</p>
MFL	<p>French. Speak with increased confidence.  Understand and respond to simple questions using words and sentences. Understand and use words and phrases relating to food and drink.  Appreciate stories, read familiar words and understand familiar sentences.  Recognise grammar differences such as gender, word order.</p>
PE	<p>Children will benefit from a weekly session with specialist sports coaches. This term children will look at our athletics programme and try to achieve individual targets and scores which will be awarded at the end of the year.</p> <p>Summer Games:  Tennis  Cricket</p>
RE	<p>How do faiths and communities mark special times in life?  Look at different faiths.  Include marriage and funeral rites.</p>

PSHE	Protecting the Environment  Understanding the Country Code. Recycling and Packaging. Conservation of endangered species Taking responsibility for living things.
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