



# Half termly Curriculum Coverage - Autumn 1 2017/18

## Subject

## Objectives

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Science

### Working Scientifically

Planning different types of scientific enquiries to answer questions including recognising variables where necessary.

Taking measurements, using a range of scientific equipment with increasing accuracy and precision, taking repeat readings where appropriate.

Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, and bar and line graphs.

Using test results to make predictions to set up further comparative and fair tests.

Reporting and presenting findings from enquiries, including conclusions, casual relationships and explanations of results, in oral and written forms such as displays and other presentations.

Identifying scientific evidence that has been used to support or refute ideas or arguments

### Electricity

The children will learn about how the brightness of a lamp or the volume of a buzzer is associated with the number and voltage of cells used in the circuit. They will 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. Children will be able to recognise symbols when representing a simple circuit in a diagram

As part of their Gymnastics and Dance lessons, children will:

Choreograph creative and imaginative dance sequences independently and in a group.  
Choreograph and perform more complex sequences and demonstrate a consistent theme throughout a dance.

Create longer, more complex gymnastic sequences that include a good range of well performed gymnastic elements and incorporate a range of different speeds, directions, levels, pathways and body rotations during gymnastic performances.

Rehearse, refine and perfect gymnastic skills

Children will also continue to follow the Real PE Curriculum with this half terms focus being 'Cognitive.' Children will respond imaginatively to different situations, adapting and adjusting their skills, movements or tactics, so they are different from or in contrast to others. They will look at ways to effectively disguise what they are about to do next in a game situation and will learn to use variety and creativity to engage an audience.

PE

History & Geography

RE

As part of the children's study of the Viking invasion of Britain they will cover the following History and Geography National Curriculum objectives:

### History

Children will make use of a variety of sources and construct informed responses that involve thoughtful selection and organisation of relevant historical information. They will have a chronologically secure knowledge and understanding of British, local and world history and will be able to establish clear narratives within and across the periods they have studied exploring connections, contrasts and trends over time and show developing appropriate use of historical terms.

Children will use evidence to support arguments and will devise historically valid questions about change, cause, similarity and difference, and significance.

### Geography

Children will confidently use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied and can locate countries with a specific focus on Europe

They will be able to name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers)

They will be able to understand and use a widening range of geographical terms; specific topic vocabulary - urban, rural, land use, sustainability, tributary, trade links etc.

Children will explore the question

"Is Christianity still a strong religion, 2000 years after Jesus was on earth?"

They will explain key concepts that are common to many religions and used in the study of religion and will be able to describe some key concepts that are particular to specific Christianity.

Pupils will explain how these concepts are expressed within the beliefs and practices of the religion studied and will be able to evaluate the concepts by explaining their value to believers and by identifying and describing some issues they raise.



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Computing

*This half term the children will make use of a range of search engines appropriate to finding information that is required for their study of topics in History and Geography lessons.*

*During PSHE lessons they will show that they can think through the consequences of their actions when using digital technology in a range of contexts. They will be able to identify some principles underpinning acceptable behaviour when using technologies such as smartphones or tablet use as well as when creating and sharing digital content.*

*In addition, children will know a range of ways to report concerns and inappropriate behaviour in a variety of contexts.*

French

*As part of their continued work on the RIGOLO French Language scheme, the children will continue to engage in longer conversations, asking for clarification when necessary.*

*They will create their own sentences using knowledge of basic sentence structure and use pronunciation and intonation effectively to accurately express meaning and engage an audience. The children will be introduced to and understand longer and more challenging texts on a range of topic areas. They will read aloud and understand a short text containing unfamiliar words, using accurate pronunciation. Children will use vocabulary learnt from reading in different contexts and use dictionaries to find a wide range of words as well as write a range of phrases and sentences from memory and adapt them to write his/her own sentences on a similar topic.*

D&T

Children will generate, develop, model and communicate their ideas through discussion and annotated sketches. They will apply their knowledge of materials and techniques to refine and rework their product to improve its functional properties and aesthetic qualities. Children will use technical knowledge and accurate skills to problem solve during the making process and use a wide range of methods to strengthen, stiffen and reinforce complex structures.

MUSIC

*Confirm with Mrs Gittins*