



Richardson Dees Primary School

# Spring 2020 Medium Term Plan

## Year 4

### English

#### Fiction

We will learn and innovate a losing tale through Talk for Writing.

#### Non Fiction

We will create a non-chronological report about a wild animal. We will look at the features to include and research a range of facts to put in to a formal report.

#### Spellings and Grammar

We will be focusing on fronted adverbials, relative clauses, the use of dialogue in stories and pronouns. We will continue with our weekly spellings for homework, looking for patterns and new sounds to learn.

#### Handwriting

All children in year 4 will now write with a pen. We will have regular handwriting sessions to develop a cursive continuous style.

#### Reading

This term our focus will be on learning to summarise texts as well as checking sentences for information. We will have daily reading sessions and of course have reading for pleasure sessions where the children can choose what they would like to read.

### Mathematics

#### Multiplication and division

We will know our times tables up 12 x 12 and related division facts.

Learn how to use the grid method and progress this to using short multiplication.

We will continue to use games and times tables rock stars to enjoy learning and challenging ourselves to learn our times tables.

#### Fractions

We will look at equivalents, adding and subtracting fractions, understanding that fractions are part of a whole and begin to link them to decimal equivalents.

### Science

#### Spring 1- Electricity

- identify common appliances that run on electricity
- construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers
- identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop

	<p>with a battery</p> <ul style="list-style-type: none"> <li>• recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit</li> <li>• recognise some common conductors and insulators, and associate metals with being good conductors</li> </ul> <p><u>Spring 2- Sound</u></p> <ul style="list-style-type: none"> <li>• identify how sounds are made, associating some of them with something vibrating</li> <li>• recognise that vibrations from sounds travel through a medium to the ear</li> <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	We will be learning how to code using various Apps. In particular we will use Tynker and SEESAW. We will become proficient in recording our work and will look at using iMovie to make adverts.
Geography	<p>Volcanoes</p> <p>We will look at the following skills:</p> <ul style="list-style-type: none"> <li>• Understanding the effect of the landscape features on the development of the locality.</li> <li>• Describe how people have been affected by changes in the environment.</li> <li>• Describe how people have differing qualities of life living in different locations and environments</li> </ul>
History	<p>We will be finding out what life was like for children during World War 2 and focusing particularly on life in Wallsend during this time. We will do this by:</p> <ul style="list-style-type: none"> <li>• Research what it was like for children in a given period from the past and use photographs and illustrations to present their findings</li> <li>• Describe events from the past according to the different periods of time when they happened (BC, AD, decade, century)</li> <li>• Use a timeline within a specific time in history to set out the order things may have happened.</li> </ul>
Design & Technology	<p>This term our focus is electrical systems: how to use them and looking at electrical systems in products. We will be designing and making a toy that a child may have had during WW2. The skills we will work on are:</p> <ul style="list-style-type: none"> <li>• Creating designs using exploded diagrams</li> <li>• Use a wide range of materials and plan how to use them.</li> <li>• Use techniques which require accuracy to cut, shape, join and finish.</li> </ul>
Art & Design	<p>Our Focus for Spring 1 will be painting. We will learn new skills by: creating different effects by using a variety of tools and techniques such as washes, scratches and splashes. We will be creating a 'layered' effect to showcase these techniques. We will also look at using a variety of other techniques eg. marbelling, silkscreen and colour wash in our painting.</p> <p>In Spring 2 we will look at drawing in detail. We will draw familiar objects with correct proportions.</p>

MFL	<p>We will be focusing on French. We will recap numbers, months, colours and food.</p> <p>We will be practising our speaking and listening and learning to write sentences in French.</p>
Music	<p><u>Spring 1- Glockenspiel</u></p> <p><u>Spring 2- Recorders</u></p> <p>We will use the Charanga scheme of work to follow small steps and work together to produce recordings.</p>
RE	<p><u>Spring 1- Islam</u></p> <ul style="list-style-type: none"> <li>• think about the things in their lives that guide them and that give them peace.</li> <li>• understand that Muslims believe that Muhammad was the final messenger sent by Allah to humankind; think of times when their own beliefs and ideas have conflicted with those of their family or friends</li> <li>• understand that the Qur'an is the sacred text for Muslims; think about books that they consider 'sacred' (religious or otherwise), and how they treat them differently from other books</li> </ul> <p><u>Spring 2- Hinduism</u></p> <ul style="list-style-type: none"> <li>• know that the Hindu dharma originated in India; think about the origins of their own family's traditions and beliefs.</li> <li>• understand that in Hindu belief the 'divine' can manifest in female form as well as in male form; they will think about women and/or girls that have inspired them.</li> </ul>
PSHCE	<p><u>Spring 1- Dreams and goals</u></p> <p>We will look at setting goals, how to achieve them and what to do if we feel disappointed with the results of something. We will focus on positive minds and attitudes.</p> <p><u>Spring 2- Healthy Me</u></p> <p>We will look at making healthy choices with friendships, food and exercise. We will look at the effects of smoking and alcohol on the body.</p>
PE	<p><u>Spring 1</u></p> <p>Our focus will be Gymnastics. We will look at the following skills: Flight on and off apparatus, moment of time with no contact on the ground, Body shape in air, Landing from a height, working with a partner</p> <p><u>Spring 2</u></p> <p>Our focus will be Batting and fielding. We will look at the following skills: Striking, looking for spaces sending and receiving. Striking forehand/ backhand passes. Fielding, bowling and receiving a range of passes. We will do this through learning to play cricket.</p>
Trips	<p>We will be visiting the Victorian Tunnel and taking part in an Art workshop at the Hatton Art Gallery.</p>