



## Year 5 Curriculum Spring Term 2 2022

We thought you would find it useful to have a clear idea about the skills and vocabulary your child will be learning this term. The information below is, of course, only a starting point, and they will learn much more than we have written down!

### Key Learning: English and maths

Reading	Writing	Maths
<ul style="list-style-type: none"><li>• Making connections between books within similar genres</li><li>• Read books that are structured in different ways and read for a range of purposes.</li><li>• Discuss and evaluate how authors use language.</li><li>• Check that the book makes sense to them, discussing their understanding and exploring the meaning of words in context.</li></ul>	<ul style="list-style-type: none"><li>• Independent planning across all genres and application</li><li>• Secure use of range of layouts suitable to text.</li><li>• Relative clause/ pronoun</li><li>• Modal verb</li><li>• Parenthesis</li><li>• Bracket- dash</li></ul>	<p><b>Fractions:</b></p> <ul style="list-style-type: none"><li>• Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements <math>&gt;1</math> as a mixed number.</li><li>• Multiply proper fractions and mixed numbers by whole numbers supported by materials and diagrams.</li><li>• Read and write decimal numbers as fractions.</li><li>• Solve problems involving multiplication and division including scaling by simple fractions and problems involving simple rates.</li></ul> <p><b>Decimals and Percentages:</b></p> <ul style="list-style-type: none"><li>• Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.</li><li>• Read, write, order and compare numbers with up to three decimal places.</li><li>• Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000.</li><li>• Round decimals with two decimal places to the nearest whole number and to one decimal place.</li></ul>



### Spellings

Teachers teach a range of spelling strategies to the children during the term. Children will be challenged by spellings at their level and the teachers teach the spelling and the meanings of the year 5 and 6 statutory word list. Teachers will use a range of methods to assess whether the words can be spelt, and they can be used in the correct context. Children will not have word lists sent home to be learnt for a test unless this is part of an individual plan linked to the needs of that child.

### Whole Class Guided Reading

Extreme Animals - The World's Most Pointless Animals

## Spring Term 2 Key Vocabulary and Skills

This is a brief overview of some of the vocabulary the children will learn this half term. It is the minimum we expect all of the children to know and understand well by the end of this half term.

### Science - Forces

Vocabulary	Skills
<b>friction</b> - Friction is a 'sticking' force – the resistance that a surface or object encounters when moving over another surface or object. surface resistance <b>gravity</b> - Gravity is the pulling force acting between the Earth and a falling object. Gravity pulls objects to the ground. <b>air resistance</b> - Air resistance is the force on an object moving through air. Air resistance affects how fast or slowly objects move through the air. <b>water resistance</b> - Water resistance is the force on objects floating on or moving in water. <b>simple machines</b> - Simple machines work by turning small forces into larger ones, allowing us to perform tasks with more strength or speed. Examples of simple machines are levers, gears, pulleys, wheels and screws.	Planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary.  Taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate.  Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs.  Using test results to make predictions to set up further comparative and fair tests.

### Computing – We are Cryptographers

Vocabulary	Skills
<b>encrypt</b> – Convert information into a secret code. <b>decrypt</b> – to turn the encrypted code back into the original information.	Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact



<b>binary code</b> - Binary is the language computers use. It is a series of 1s and 0s and is also used in mathematics. <b>cipher</b> - a secret system of writing that you can use to send messages	
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#### PE - Handball

Vocabulary	Skills
This is a new unit being trialled and children will learn a range of new words and how they are applied to the games, from:  <b>ball, control, throw, catch, dribbling, receive, space, hands, accuracy, aim, power, intercept, support</b>	Play competitive games, modified where appropriate and apply basic principles suitable for attacking and defending.  Compare their performance with previous ones and demonstrate improvement to their personal best.

#### French - Carnaval des animaux

Vocabulary	Skills
<b>Où habites-tu? Where do you live?</b> <b>J'habite dans ... I live in ...</b> <b>je suis I am</b> <b>petit(e) small</b> <b>grand(e) big</b> <b>lent(e) slow</b> <b>rapide fast</b> <b>fort(e) strong</b> <b>faible weak</b> <b>féroce fierce</b> <b>timide shy</b> <b>Quelle heure est-il? What time is it?</b> <b>une heure, deux heures, trois heures, quatre heures, cinq heures, six heures, sept heures, huit heures, neuf heures, dix heures x o'clock</b> <b>Il est midi. It's midday.</b> <b>Il est minuit. It's midnight.</b>	Speak in sentences using familiar vocabulary



### **RSHE (Relationships Sex and Health Education), 1 Decision and No Outsiders**

This half term the children will be using our 1 Decision programme to learn about a 'World Without Judgement'

#### **Home Learning**

We would like the children to focus on reading and maths as part of their home learning this year. They should be reading as often as possible, but at least 3 times a week. This should be independent, shared with an adult or being read to by an adult. Usually, they will be reading their Accelerated Reader book, which they can then quiz on in school, but it may also be reading magazines, comics, instructions or online items.

In maths the children will be expected to complete the online learning set by their teacher. For this half term this will be continuing with Mathletics, which the children have been using in class. They should spend 20-30 minutes on this each week. Some children may still be using TTRockstars to learn their tables. This will be extra as they should be known by the end of year 4.

If you are having problems with any online learning, including access, please contact your child's teacher.