



## Springdale First School – Medium Term Overview



# Year Four – What a State!

We have a busy half term ahead! We're starting off with a week learning about Diwali, the Hindu festival of lights and why Hindus celebrate the return of deities Rama and Sita. Shortly after, we will be focusing on Armistice Day and creating plastic poppies to display on site as a symbol of Remembrance. During this time, we will be exploring the text *War Horse* by Michael Morpurgo and linking our writing to war stories. Later in the half term, we will be melting away any misconceptions to get a solid understanding about states of matter! During our topic time, the children will learn all about the fascinating world of water and how the water cycle is a real life example of the states of matter they will be learning about in science. Through a range of cross-curricular activities, the children will learn about the three states of matter; melting and cooling; the water cycle; flooding; water pollution and much, much more!

### NATIONAL CURRICULUM:

#### ENQUIRY QUESTIONS;

What gives you a sense of belonging?

What is the difference between a solid, liquid and a gas?

English				Mathematics
Text	SPAG Focus	Spelling focus	Writing focus	Specific
War horse	Difference tenses	Prefixes	W1) Diwali – why Hindus celebrate Diwali. W2 - 3) War horse/remembrance writing. W4 - 5) Instructions for scientific experiments W5 – W8) Little matchstick girl	Addition and subtraction
Little matchstick girl	Verb forms  Avoid repetition by using appropriate pronouns  Speech	Eigh, ei, ey, sound  Sh sound spelt ch  uh sound spelt ou  suffixes		Measurement: length and perimeter  Multiplication and division

### Topic objectives (Focus Subjects)

### Activities to meet objectives

#### Science focus

Pupils should be taught to:

- compare and group materials together, according to whether they are solids, liquids or gases
- observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)
- identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

- Explaining the three states of matter by looking at water in its solid, liquid and gaseous state.
- Working as scientists to plan and execute a scientific enquiry on explosions.
- Experimenting with how chocolate changes state when it is heated.

	<ul style="list-style-type: none"> <li>• Exploring different ways to measure temperature and how to measure accurately.</li> </ul>
<p><b>Geography focus:</b> Locational knowledge:</p> <ul style="list-style-type: none"> <li>- 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), and land-use patterns; and understand how some of these aspects have changed over time</li> </ul> <p>Describe and understand key aspects of:</p> <ul style="list-style-type: none"> <li>- physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle</li> </ul> <p>Fieldwork:</p> <ul style="list-style-type: none"> <li>□- use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.</li> </ul>	<ul style="list-style-type: none"> <li>• Labelling a water cycle diagram and making a human water cycle</li> <li>• Making ‘clouds’ investigation</li> <li>• Water cycle experiment</li> <li>• Cleaning water experiment</li> <li>• Creating a TV news report about a flood in the UK</li> <li>• Creating a poster about how to look after the ocean.</li> </ul>

**Other curriculum areas**

<ul style="list-style-type: none"> <li>• Art – we will be designing poppies for Remembrance Day, making Rangoli patterns for Diwali.</li> </ul>	<ul style="list-style-type: none"> <li>• Jigsaw – we will be learning about celebrating differences.</li> </ul>
<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>• Computing – we will be doing coding this half term.</li> </ul>
<ul style="list-style-type: none"> <li>• Music – we will be learning Christmas carols for our performance in December.</li> </ul>	<ul style="list-style-type: none"> <li>• Outdoor PE – we will continue to hone our skills in the context of invasion games.</li> </ul>
<ul style="list-style-type: none"> <li>• R.E. –We will look at belonging, the story of Rama and Sita and how Diwali is celebrated. We will also look at the Christmas story and its importance to Christians.</li> </ul>	<ul style="list-style-type: none"> <li>• Indoor PE – we will be continuing with gymnastics and starting nuccumb ball!</li> </ul>

**HOW CAN YOU HELP?**

- Please practice each week’s spellings and any homework that is sent home.
- We hope you will find the following online maths games useful.

<https://www.topmarks.co.uk/place-value/place-value-charts>  
<https://www.topmarks.co.uk/Flash.aspx?b=maths/addition>  
<https://www.topmarks.co.uk/mathsgames/hit-the-button>  
<https://www.nationwideeducation.co.uk/www/flash/bsobso-flash/index.html>  
<http://mathszone.co.uk/category/number-facts-x%C3%B7/all-tables-choosable/>

- Links to fun times table songs that are sang over pop hits like the cup song or uptown funk (Mr DeMaio’s timestable songs)
- please watch these with your child, Youtube must be supervised:

[https://www.youtube.com/watch?v=9XzfQUXqiYY&list=PLb7Q5jsm9eh\\_fdDPQmVpyp4XRu-raUbHc](https://www.youtube.com/watch?v=9XzfQUXqiYY&list=PLb7Q5jsm9eh_fdDPQmVpyp4XRu-raUbHc)

