

## Year 5/6 Topic overview- Spring 2: Tomorrow's World

### English

We will start the half-term by focusing on poetry. We will read, discuss, respond, perform and write our own poetry. We will be taking part in a whole school project to create our own anthology of poems, and will share some in a whole school assembly. We will also be celebrating Book Week and World Book Day at the start of the half-term.

### Geography

We will be learning about the causes of climate change and recognising its effect on the globe. We will research about pollution and what we can do to help, as well as learning about renewable energy. We will also learn about biomes and what different foods are grown in different biomes.

### Maths

In Year 5 we will continue to focus on decimals up to two decimal places including ordering, comparing, rounding and equivalent fractions. We will also learn about perimeter and area before moving on to statistics including drawing, reading and interpreting graphs, tables and timetables.

In Year 6 we will continue to focus on decimals by rounding, adding, subtracting, multiplying and dividing before moving on to fractions, decimals and percentages, as well as multistep problems.

### Science

We will be continuing our topic on reversible and irreversible changes, thinking about how rust forms and what happens when materials are heated.

We will look at chemical reactions, such as when vinegar and bicarbonate of soda are mixed, and observe what happens.

### Music

We will be learning about inspiration women in music and listening to contemporary British female artists, thinking about how their music makes us feel and what we like about it. We will then be using the ipads to create our own compositions.



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### Computing and DT

We will be designing and making a moving bridge, using pulleys and that is controlled using a crumble.

To help us with our designs, we will research other bridges and see how they are designed. We will learn about how pulleys work and add a circuit to the bridge. We will code the crumble to move the bridge up and down.

### Spanish

During the Spring term, our primary focus will be on grammar. We will dedicate time to understanding and practicing various grammatical concepts. Additionally, we will explore a poem to delve into the intricacies of sentence structure and how it conveys meaning. By analysing the poem, we will deepen our understanding of how words and phrases come together to create coherent and impactful sentences

### PSHE

Our unit this half term is about managing risk. We will discuss the benefits and consequences of taking risks. We will also think about how our responsibilities are changing and how we can get help from adults. We will discuss how to keep ourselves safe, for example on the road as a cyclist or pavement as a pedestrian, in the sun and by using basic First Aid.

### RE

In RE we will look at different interpretations of Jesus. We will discover two biblical narratives of the birth of Jesus and the different messages they convey.

### PE

Outdoor - Tennis

Indoor:

Cambourne - Irish Jig

Hardwick - Gymnastics