

# Year 6

## Summer Term 2 – Global Warning



### Main Texts

#### School Play Playscript

### Maths

As SATs are over, we will continue our learning with some fun maths games and open-ended problems as well as a maths project centred on building a theme park. We will be applying our knowledge of all the maths we have learnt to solve problems and make decisions as a team in order to create the best theme park we can. We will use budgeting, loans and other real world financial ideas to work out our profits and revenues.

### Science

In our science topic we will be looking at how materials change and which of those changes are reversible. We will look at dissolving, evaporation, decanting and filtering and discuss how these are applied in everyday situations.

#### Vocabulary:

Thermal/electrical insulator/conductor, change of state, mixture, dissolve, solution, soluble, insoluble, filter, sieve reversible/non-reversible change, burning, rusting, new material.



### Come and See

In the topic Healing, we will learn about the sacrament of the sick and explore the scripture linked to it.  
In our topic on Common Good children will develop their understanding of the human person made in the image of God and that we are part of God's global family, looking at how we can be fairer with people around the world, in terms of trade. In our other faiths topic, we will learn about Hinduism.

Vocabulary: Care, sickness, hospice, compassion, Sacrament, anointing, sin, forgiveness, parable, Lourdes, responsibility. Justice, injustice, respect, solidarity, difference, Social Justice, common good, dignity, Catholic Social Teaching. Karma, duty, salvation, Dharma, Moksha, aum.

### English

Children will write their own explanation texts using all the correct features and selecting grammar and vocabulary for effect. Children will then look at letter writing and the features of letter writing again they will use these features to produce formal letters. The children will incorporate spelling, grammar and punctuation rules into their writing.

They will learn and write poetry for our Leaver's Assembly showing intonation, tone, and volume so that the meaning is clear to the audience.

We are still ensuring that we use our very best handwriting, and we are using 'Letter join' at home to help us to improve our handwriting further.

Throughout this half term the children will be working on the end of year school play. This enables children to participate in discussions, presentations, performances, role play and improvisations.

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<b>Humanities</b>	<b>STEM</b>
<p data-bbox="689 389 887 427" style="text-align: center;"><b>Geography</b></p> <p data-bbox="181 464 1393 552">In our topic on Global Warming, we will be looking at how climate has changed and the impact it has on habitats for both animals and ourselves. We will look at climate zones and the effect climate has on the physical processes that shape our environment.</p> <p data-bbox="719 647 857 675" style="text-align: center;">Vocabulary:</p> <p data-bbox="230 679 1346 735" style="text-align: center;">Global warming, Climate, Climate zones: tropical, temperate, polar, Time zones Environmental, Physical processes, Landscapes, Impact, Contour lines</p>	<p data-bbox="1637 389 1834 427" style="text-align: center;"><b>Computing</b></p> <p data-bbox="1435 475 2029 719">This unit explores the concept of variables in programming through games in Scratch. First, we will learn what variables are, and relate them to real-world examples of values that can be set and changed. We will then use variables to create a simulation of a scoreboard and experiment and modify with variables in an existing project, then we will create their own project.</p> <p data-bbox="1711 756 1760 783" style="text-align: center;"><b>DT</b></p> <p data-bbox="1435 799 2029 855" style="text-align: center;">We will be making a variety of healthy meals using sustainable foods.</p>
<b>Arts</b>	<b>PE</b>
<p data-bbox="734 1150 842 1189" style="text-align: center;"><b>Music</b></p> <p data-bbox="181 1193 1393 1249">The final half term we will be practising our singing! We will be singing some of our songs for the school play as well as writing our own lyrics for a song.</p> <p data-bbox="763 1286 813 1313" style="text-align: center;"><b>Art</b></p> <p data-bbox="432 1326 1144 1353" style="text-align: center;">In this topic we will making artwork using recycled materials.</p>	<p data-bbox="1659 1102 1816 1174" style="text-align: center;"><b>Athletics Tennis</b></p>