



YEAR 5 SPRING CURRICULUM FOCUS

Natural Disasters and

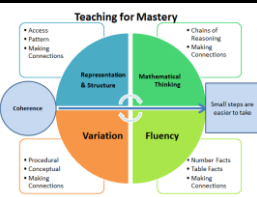
World War One



English

In English, we be creating our own extended pieces of writing using our knowledge of the Place Value of Punctuation and Grammar as the foundation. We will create diaries based on Street Child by Berlie Doherty, short narratives inspired by Oliver Twist by Charles Dickens and setting descriptions inspired by World War I amongst a variety of other genres.

Mathematics



In Mathematics, we will be focussing on negative numbers, short multiplication and division, area and scaling and calculating using decimals. We will be developing our fluency, encouraging mathematical thinking and ensuring children understand the structure of the mathematics involved. This will include look at both the how and why when solving problems.

Science

In Science, we will be looking at Forces. We will consolidate and extend our knowledge of forces by naming individual forces (e.g. gravity, friction, upthrust). We will extend our knowledge of frictional forces (air resistance and water resistance) and plan fair test investigations. We will learn how forces can be helpful and unhelpful in various scenarios and identify the forces involved in each scenario. We will learn what a mechanism is and how pulleys, levers and gears are used to allow a smaller force to have a greater effect.



Foundation Subjects

In History, we will investigate the history of World War One and discover what led up to the start of one of the largest wars in history, explore what life was like for the soldiers on the front line as well as what life was like at home for the women and children who kept Britain running. We will discuss the significance of events within the war and how alliances between countries, power-hungry empires and the assassination of an archduke began WWI.

In Geography, we will explore the Earth's greatest natural disasters and extreme weather phenomena, from raging tropical storms to violent erupting volcanoes to terrifying towering tsunamis. This will include how they occur and the impact of these phenomena on the surrounding areas.

In Religious Education, we will investigate Art in Religion and the Easter Story. When investigating Art in Religion, we will find out how, why and when music, drama and art are used in religions around the world. We will learn how other people express themselves as well as learning how to use their own artistic talents to portray ideas about God. Whilst looking at the Easter Story, we will take an in-depth look at the story of Easter and explores why it is important for Christians. Starting with Palm Sunday and ending on Easter Sunday, we will study all the events of Holy Week and investigate the reasons behind some of the most important days in the Christian calendar.

In PSHE, we will be look at Health and Wellbeing and Safety and the changing body. As part of our unit on Health and Wellbeing we will be learning to take greater responsibility for sleep, sun safety, healthy eating and managing feelings; setting goals and embracing failure; understanding the importance of rest and relaxation. Whilst looking at Safety and the changing body, we will explore the emotional and physical changes of puberty, including menstruation; learn about online safety,

influence, strategies to overcome potential dangers and how to administer first aid to someone who is bleeding.

In Design and Technology, as part of our 'Developing a recipe' unit, we will create a Bolognese by amending and adapting a recipe and then using our own recipe to make our own Bolognese. As part of this we will understand how to avoid cross contamination. We will then evaluate our recipe and what we have created.

In Art, we will be sculpting our own gargoyles. We will explore sculpting by designing and making our own gargoyles. They develop skills in shaping and joining materials, adding texture and detail, and using simple tools safely. We will observe real gargoyles for inspiration, plan our ideas through sketches, and use imagination to create expressive 3D forms.

In Computing, we will be investigating Vector graphics, and we will start to create vector drawings and learn how to use different drawing tools to help them create images. We will recognise that images in vector drawings are created using shapes and lines, and each individual element in the drawing is called an object. Then we will layer our objects and begin grouping and duplicating them to support the creation of more complex pieces of work.

In Physical Education, we will develop our skills in American Football, Cricket and Athletics. We will also look at the ways in which we can develop an active and healthy lifestyle that can follow us into adulthood.

Homework Expectations

To support your child's learning, could you please:

- read with your child, asking them questions to consolidate their understanding of the text, including their use of inference, E.g. "How is the character feeling?"
- encourage your child/ren to take a quiz when they return to school to progress through the points and achieve certificates. You can complete this at home on <https://login.renaissance.com/12d2c96b-e6ee-4603-97c8-cd68a15ec167?state=13622318-cfd2-4d25-a584-4ff5d67bad86>
- encourage your child/ren to practise their times tables using Times Table Rock stars. <https://play.ttrockstars.com/auth/school/student>
- encourage your child/ren to complete their EdShed games each week to develop their spellings. <https://www.edshed.com/en-gb/menu>
- complete the homework projects to allow your children to extend their own learning and deepen their knowledge.