**Science**
We will begin by investigating electricity, then look at the process of dissolving and reversible and irreversible changes. Our final science topic will be light, finding out about how light travels and how we see things.

**DT/Art**
We will start by catching up with work on clay then design and make shelters (linked to Goodnight Mr Tom). We will finish the year by using cams, gears and pulleys to design and create our own moving toys

**Geography**We will be investigating mountain ranges around the world and how mountains are formed, including volcanoes. We will learn about some of the mountains in the Lake District, whilst becoming familiar with ordnance survey maps.

**PE**As well as our week of outdoor and adventurous activities at Lockerbie, we will also focus on striking and fielding games. If COVID regulations permit, we hope to complete our KS2 swimming curriculum, where we will focus on water safety and rescue skills. We also have a dodgeball day planned in conjunction with the city council and Bikeability training will take place at the end of the first half term.

**PSHE**In PSHE our focus will be on how we contribute to the wider world. Much of our work will take place during Year 6’s “Citizenship Week”, when we find out about national and local government, our responsibilities within society and the rule of law. We will also learn about managing money and undertake a first aid course. We will also have a focus on changes and puberty.

**English**
After finishing work on “Holes”, we will be reading “Goodnight Mr Tom” by Michelle Magorian, which deals with the story of an evacuee during WW2. Linked to this, we will look at informal and formal English characterisation through speech. Following this, we will be reading “The Railway Children” and Shakespeare’s “Macbeth”. We will use all these texts as a basis for continuing to develop our writing skills. We will continue to work on specific letter patterns and rules in spelling, as well as revising the KS2 statutory spelling list.

**Values**

Service, Prayer

**Wider Curriculum**Bikeability, Lockerbie residential, Citizenship Week, First Aid training, transition days at local high schools, planning our Leavers’ Service

**Year 6 Summer “Mountains & the Lake District”**

**R.E.**We will be moving on from Easter in R.E. by looking at Jesus’ ascension and what happened at Pentecost. We will then be considering ideas about God.

**Key Vocabulary**
Geography: plate tectonics, types of mountains, vocabulary associated with volcanoes, OS map symbols
Science: reversible / irreversible change, soluble, insoluble, solvent, saturated solution, current, resistance, circuit

**Maths**
We will begin by focusing on statistics, looking at drawing and interpreting line graphs and pie charts. We will then move on to investigating the rules on calculating angles in various shapes and along a line. We will also be recapping on some basic maths skills in preparation for the children’s transition to high school, as well as enjoying some more investigative maths activities.