



Curriculum Information

Rowan, Larch and Sycamore

April - July 2019

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www.swansfieldpark.northumberland.sch.uk



Our topic for this term is *Extreme Earth*

This includes:

Geography – Earth's Extremes

Children will begin by identifying different climate zones around the world and exploring both how and why climates change around the poles and the equator. They will progress to identifying countries in the world that have extreme weather conditions, including temperature and precipitation, and trying to generate reasons and theories for this.

By learning about the water cycle and how water moves around the planet, children will explore why droughts occur and what effects droughts can have on a local and global scale. They will then progress to identifying further examples of extreme weather conditions around the world, including lightning, floods, typhoons, hurricanes, blizzards and hail storms. They will define each of these occurrences and think about the effects these can have on both people and landscapes.

Children will then look in greater depth at earthquakes, tsunamis and volcanoes:

Earthquakes: Through learning about tectonic plates and how the movement of these can cause earthquakes, children will identify areas around the world that are more susceptible to earthquakes and understand the reasons for this. They will also explore the effects on earthquakes on people and landscapes.

Tsunamis: Children will study pictures of the effects of various tsunamis on people and landscapes, and think about how they can describe the devastation they cause. They will learn what a tsunami is, as well as why and how they occur.

Volcanoes: Children will end their work on Earth's extremes by identifying the difference between a volcano and a mountain before looking at how volcanoes are formed and what happens when they erupt. They will find out the difference between active, dormant and extinct volcanoes, identifying localities with examples of each.

Art – The Great Wave and Twisters

Children will learn about Hokusai and how he created 'The Great Wave'. They will analyse his work before progressing to re-create it using cutting templates, watercolours, pastels and tissue mosaics.

Science – Properties and Changes of Materials

Children will begin by predicting, investigating, observing and explaining what happens when a variety of materials are mixed with water. Then consider how and if original materials might be recovered. Through this the children will be able to identify reversible and irreversible solutions. By carrying out practical investigations involving irreversible reactions, using heating or cooling materials, and what new materials are produced. Through investigating materials children will be able to identify several different properties of a range of materials (conductive, magnetic, soluble, flexible, transparent etc.) They will finish by considering ways in which certain properties of materials make them useful.

Computing – Lemonade Stand (Excel)

Children will start by investigating what Excel is and what it is used for. They will then move onto using the programme by creating headings, columns and formulas into cells. Through playing the Lemonade Stand simulation, they will record sales data in these cells. Children will finish by creating line and bar graphs, showing profit or loss.



Understanding Parliament and Democracy:

Children will begin by understanding that MPs work in the House of Commons and Peers work in the House of Lords and investigate how these roles are different including the fact that MPs are elected. They will then move onto investigate what democracy is and understand that the UK is a democratic country. The children will understand what a General election is and that MPs are elected at a General election to represent a geographical area, where they represent everyone including people that did not vote for them. To finish the children will take part in a whole school General election in which they may stand as a candidate or work to support their chosen candidate.

Other subjects:

P.E. Yoga and Gymnastics Coaching (Summer 1) / Swimming and Athletics (Summer 2)

R.E Sikhism: Beliefs, Lifestyles and Founders **Music** Charanga

P.S.H.E Living in the Wider World **French** Weather Conditions, Seasons and Reports



English:

Explanations, Fantasy Stories (*Tales from Outer Suburbia, Dear Greenpeace*) **and Picture Books** (*Floods*)

Mathematics:

Year 5: Decimals, Properties of Shapes & Angles, Position & Direction and Converting Units

Year 6: Ratio, Properties of Shapes and Statistics

For specific learning objectives and coverage in English and Maths, please speak to your child's class teacher or look at the Summer term planning document on the school website within your child's class page

Homework & Spellings:

Weekly Tasks: Every Monday, your child will be set two homework tasks: one English and one Maths. They will have until the following Monday to complete them. Their homework tasks may be written comprehension, punctuation and grammar, written pieces, CGP revision tasks (Year 6 only) or online tasks from Sumdog or School 360. They will be based upon what they have been learning in class in order to consolidate their new knowledge, skills and understanding.

Spellings: Spellings will be set and tested each Monday. Please ensure that you revisit spellings from previous weeks / terms from time to time as well.

Mental Maths: J2Blast on School360 and Times Table Rockstars should be used by the children on a weekly basis to develop their times tables skills. Mental maths skills will be tested on a weekly basis.

Reading: Guided Reading will take place on a weekly basis for Year 5 this term. ***Please ensure that both yourself and your child comment regularly in the reading record.* Also, it is important that your child reads a range of literature (magazines, books, newspapers) for at least one hour per week so please encourage them to use both the school library and local library.

Planners: Children will record homework, PE days and important dates in these. We ask that you sign their planner every week, it is also available to communicate with your child's teacher.

Pencil cases: We would like to encourage all children to have a pencil case at school. As a minimum, each child's pencil case should contain: two black biro pens, a pencil and sharpener, a ruler and a rubber, this being in preparation for High School.

PE Kits: Children must have an outdoor PE Kit in school every day during the Summer term along with appropriate footwear. The school's expectations of PE kits can be found in your child's planner (Page 5).

Wellies and outdoor shoes: Please ensure that your child continues to have a pair of named wellies or outdoor shoes available in school at all times for playtime as well as outdoor learning activities.