



Curriculum Information

Sycamore, Rowan and Larch April - July 2021



Produced by:

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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 will 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 identify further examples of extreme weather conditions around the world: 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 more detail 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

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 - Forces

Children will consider what weight is and how the impact caused by falling objects can vary depending on their size, shape, mass, and the height they fall from. Through a range of practical investigations, they will then learn what friction is, the varying ways in which it can be measured as well as identifying instances of high and low friction. Children will learn about ways in which both air resistance and water resistance affects moving objects before progressing to explore how simple machines can make it easier to move objects. They will then make and test models which have pulleys or levers as well as look at how gears work together in transmissions. Finally, they will make models to explore in greater depth how gears work.

Computing - Green Screen

Children will use a camera, green screen and editing software to record each other presenting weather reports in French. In groups, children will review their recording before combining and editing footage from different sources and exporting the file as a video.



Computing - Word Processing

Children will use word processing software to detail the results of their research into extreme weather conditions and/or natural disasters around the world. Whilst doing so, children will use various presentation techniques to organise their information, such as hyperlinks and text boxes. Children will also learn how to use word processing software efficiently by learning keyboard shortcuts for copy, cut and paste; making corrections using tools such as spell check, find and replace; and deleting, inserting and replacing text. Children will also build their confidence typing using both hands.

Other subjects:

P.E. Summer 1: Swimming or NUF (Tues) and Cricket Coaching (Fri)

Summer 2: Swimming or NUF (Tues)

RE Sikhism: Beliefs, worship and commitments

Music Charanga

PSHE Relationships & Changing Me

French Weather Conditions, Seasons & Reports

English:

Narrative, recounts and persuasive speech (*Floodlands*)

Picture Books (*Flood*)

Mathematics:

Year 5: Fractions, Decimals and Percentages and Geometry (Position & Direction)

Year 6: Algebra, Ratio, Geometry (Position & Direction) 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:

Google Classroom: Details of homework and Star of the Week will continue to be posted in your child's Google Classroom every week. In the event that your child's class bubble needs to isolate, details of home learning lessons will also be communicated in this way.

Weekly Tasks: Every **Monday**, your child will continue to be set two homework tasks: usually one English and one maths, although sometimes it may be science or humanities based. They will have until the following Monday to complete and submit them. Homework 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**. Your child should access www.spellingframe.co.uk little and often - rather than just on a Sunday - throughout the week to practise and memorise the words and spelling patterns they have been set. Your child should then complete at least **two tests online** in preparation for their test in class.

Mental Maths: Times Tables Rockstars (TTRS) should be used by the children on a **weekly** basis as part of their homework to develop their times tables skills - <https://trockstars.com>. There will often be a Battle of the Bands between classes or year groups, or within classes to encourage your child to access TTRS regularly.

Reading: Your child should access Reading Plus at home for a minimum of **30 minutes a week** to help develop their fluency, vocabulary and confidence in their own reading, this is in addition to any time that is spent on it during their school day. Reading Plus is personalised to your child and their responses, so if they are struggling with a word or question please do not supply them with the answer. Some children also have user accounts for Pearson Bug Club online reading and your child's teacher will set them full texts to read and answer questions about.

PE Kits: Children should come to school wearing their PE kit on their allocated PE day(s) - See additional letter for details / dates. PE will take place outdoors so children should come to school dressed appropriately. Children in UKS2 will also participate in swimming lessons during the summer term. Again, please see additional letter for details / dates.

Wellies and outdoor shoes: Please ensure that your child has a pair of named wellies or outdoor shoes available in school at all times for Forest School sessions, playtime as well as outdoor learning activities.

