



Curriculum Information

Sycamore, Rowan and Larch

January - March 2023

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.

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 of earthquakes on people and landscapes.

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.

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.

DT- Making bread

Children will learn about different types of bread and the cultures and regions from which they originate. They will then taste and describe a variety of breads. They will move on to investigate different ingredients and how they may be used before moving on to make bread, adapting and changing the recipe according to instruction and their own ideas. They will then evaluate their recipes and suggest ideas on how to improve them.

Science - The Circulatory System & Impact of Diet, Drugs and Exercise

Children will research the parts and functions of the circulatory system and focus on how nutrients are transported around the human body. Through scientific enquiries, they will explore how a healthy lifestyle supports the body to function and through discussion find out how different types of drugs affect the body.

Computing - Lemonade Stand (Excel / Google Sheets)

Children will investigate Excel / Google Sheets and the reasons why it is used. They will then create columns, headings and use formulas to create a sales ledger before playing a simulation game to gather data to input into their ledger. Following this, children will analyse their data and create line / bar charts to show profit and loss.

Computing- Presentation Software (Adobe Express)

Children will use the presentation software, Adobe Express, to showcase their learning from their French sessions work. They will learn how to search and insert images. They will then move on to investigate how to record and insert their voices before publishing their videos.



English:

Narrative, recounts and persuasive speech (*Floodlands*)

Exploring short stories by the same author (*Tales from Outer Suburbia and The Lost Thing*)

Mathematics:

Year 5: Multiplication & Division (b), Fractions (b), Decimals and Percentages, Perimeter & Area, Statistics

Year 6: Fractions, Decimals and Percentages, Algebra, Ratio and Geometry

Other subjects:

P.E. Spring 1: Swimming or NUF Team Games, Invasion Games

R.E: Sikhism: How far would a Sikh go for religion?

Spring 2: Dance and Striking & Fielding

French: Weather Conditions, Seasons & Reports

Music Recorder Tuition (Sycamore), A New Year Carol & You've got a Friend **PHRSE:** Dreams & Goals, Healthy Me

Homework & Spellings:

Weekly Tasks: Every Monday, your child will continue to be set online homework tasks within their Google Classroom account. These will be outlined within the main page of Google Classroom and used to either prepare children for a new topic or consolidate new knowledge, skills and understanding. All children will have six days in which to complete and submit their homework. If your child has any difficulties accessing their homework, please contact their class teacher and alternative arrangements can be discussed.

Spellings: Spellings will continue to be set each Monday on www.spellingframe.co.uk and made live for six days. It is important that your child routinely practises their spellings as well as completes two online tests each week.

Punctuation and Grammar: As part of your child's weekly homework, they will routinely be set a quiz on www.SPAG.com As with all homework tasks, the online quiz will be set on a Monday and made live for six days.

Mental Maths: Times Tables Rockstars and Sumdog should continue to be used by your child on a weekly basis to develop and secure their times tables skills. Metal maths skills will be tested on a weekly basis.

Reading: Your child should continue to access their weekly reading homework online through Reading Plus www.readingplus.com They will need to read online for a minimum of 30 minutes each week, selecting texts that they are interested in and answering a range of comprehension questions in order to demonstrate their understanding.

Our UKS2 children will also continue to have Guided Reading sessions in school as well as visit the school library each week. Your child also has access to our fabulous eLibrary platform where they can access a wide range of audio books and online texts: swansfield.eplatform.co

PE Kits: Our UKS2 children will continue to participate in a range of PE sessions this term. They will need to come to school dressed in their school PE kit on their allocated days and have their swim wear when participating in curriculum swim lessons at Willowburn. Please see PE schedule letter sent out, before Christmas, for dates and PE focus for each class and note that earrings should not be worn in school.

Additional items in school: Please ensure that your child continues to bring a clean, named water bottle to school each day. As detailed in the UKS2 disclaimer form prior to the summer, mobile phones should only come in to school under exceptional circumstances. Staff do not collect phones in or store them during the school day, instead children will have to turn them off and leave them in their bags in the corridor. Children should not keep a phone in their coat pockets. School will take no responsibility for loss or damage to mobile phones in school.

Although mobile phones are not used during the school day, please could we ask that children's use of social media is carefully monitored by all parents. If you would like further guidance regarding age restrictions or parental controls, we are more than happy to provide you with this information, please get in touch with your child's class teacher.

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 playtime as well as outdoor learning activities.

And finally, from the Upper Key Stage 2 team...

We hope that you had a wonderful Christmas, we are looking forward to the exciting activities and trips coming up this term. If you have any further queries or questions, please just get in touch, we are always here to help.

Mrs Murdy

Miss Back

Mrs Chambers

