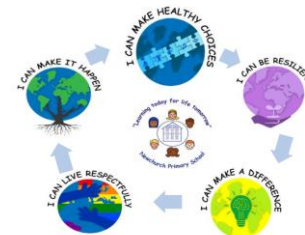




# Parent Picture – Autumn 1 – Year 6 Yen Class

Teacher: Miss Evans

Teaching Assistant: Mrs Heal



## Parent information

Year 6 pupils will be set weekly home learning, via **seesaw**. This home learning will support them in preparing for their SATs. It is expected that children complete their home learning weekly. Children will be informed by the class teacher when the home learning is set and due. In addition to this, please talk to your child about the learning that has taken place each day at school – info will be updated weekly on the class blog and in the newsletter.

PE days are **Monday** and **Friday**. On these days, children should come into school wearing their PE kit

## Science

### “Why does my shadow change length?”

This half term, pupils will develop their substantive learning and carry out investigations to learn about how light behaves.

- I know that light appears to travel in straight lines
- I can use the idea that light travels in a straight line to explain that objects are seen because they give out or reflect light into the eye.
- I know and can explain that I can see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes.
- I can use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.

**Key Vocabulary:** shadow, opaque, transparent, translucent, reflection, pupil.

## Topic: Extreme Earth



## Overview

This half term, Year 4 will be learning all about the Extreme Weathers as part of their Geography learning. They will spend time looking at recent news headlines where these weathers have occurred.

In English they will use different key texts to develop their writing skills and create cross curricular links.

## Values

Our values which underpin this term's learning:

**Quality/Expectations**  
**Democracy**  
**Appreciation**  
**Thoughtfulness**

## Hook

Natural disaster clips – are these realistic?

## Geography

This half term, our Geography learning will be based around extreme weathers and climates. During this topic the class will learn the following knowledge and skills:

- I know and can name and locate the countries in the world impacted by extreme weather this year i.e. top ten extreme weather events.
- I know and can name and locate some of the countries in the world that have experienced powerful earthquakes.
- I know and can locate locations of volcanic activity.
- I know and can identify different types of tectonic plates, how they move and what they form.
- I know and can describe the differences between active, dormant and extinct volcanoes.
- I know and can describe how a tsunami is formed and the effects it has on the land and people.
- I know and can describe how hurricanes, typhoons and cyclones are formed and their rotation.
- I know and can explain how human geography is affected by extreme weather.
- I can express and explain my opinion and begin to recognise why others have a different opinion.
- I can understand how earthquakes can be measured using the Richter scale.
- I can carry out an investigation using a range of geographical skills, questions and sources of information as well as a variety of maps and images.