

Autumn 2022

**Science: Properties and Changes of Materials**

Investigating hardness, transparency, magnetism and thermal conductivity of materials.

Investigating electrical conductors –which type of wire is best?

Investigating solubility- which materials dissolve? How can we speed up dissolving? Link to Water Cycle.



Trading Places  
Year 5/6

**Maths**

**Big Maths**

Addition: adding money and column addition  
Subtraction: exchanging  
Multiplication: 2d x1d/ 3dx1d/column method  
Division- using tables to solve division problems  
Place Value  
Shape and Geometry

**English**

**Class novel** Esperanza Rising by Pam Munoz Ryan.

**Writing** diary entries

Summer recount

Writing a chapter from a different viewpoint

Questions to the author

Writing an extra chapter

**Comprehension** Xpress Programme

**Spelling** –cious –tious, Y6 –cial, -tial

Short vowel and long vowel y /homophones

**Handwriting**

**History**

Investigating the Maya and their longevity in history (computing- creating a PowerPoint and analysing online sources for reliability)

Creating a timeline to show where the Mayans were in comparison to other periods of history.

Researching the Mayan Culture. Creating a powerpoint. Checking reliability of sources and editing . what effect has history had on modern culture?

**Geography**

Study of North and South America  
Locating countries of North, Central and South America.

Identifying tropics, lines of latitudes and comparing to climates.

Identifying key physical features eg rivers/ mountains. What effects have these had on human geography ? eg Brazil/ River Amazon.

**PSHCE**

Coming back to school- overcoming anxieties

Myself and relationships/ working together/ friendship and difference

**Art and Design**

Researching Frida Kahlo: her life, and how her experiences have influenced her art

Still life drawings/paintings

**PE**

Outdoor and Adventurous activities finding direction using a compass

Invasion games: hockey ,rugby,netball

**Modern Foreign Language: French**

Revision of greetings

Bonjour, comment t'appelle tu?

Introducing my self.