

Elm Class Newsletter – Autumn 1st 2022

English

Core Texts: The Man who walked between the Towers; The Good Thieves;
Hidden Figures



Writing Outcomes:

Biography & Autobiography
Information Writing
Formal & Informal Letters and Speeches
Journalistic Writing (News Reports)

Maths

We are learning about Place Value in numbers up to 1 million. This will include:

- rounding numbers,
- how to represent number using bar models, place value charts and part whole models,
- using number lines,
- partitioning numbers,
- ordering and comparing numbers
- power of 10 numbers
- Roman Numerals

Arithmetic: We will be revisiting and practising calculation methods for $+$ $-$ \times \div from year 4.

Science: Earth & Space

Earth, Sun & Moon: What is moving and how do we know?

Key Knowledge: Stars, planets and moons have so much mass they attract other things, including each other due to a force called gravity. Gravity works over distance. Objects with larger masses exert bigger gravitational forces. Objects like planets, moons and stars spin. Smaller mass objects like planets orbit large mass objects like stars. Stars produce vast amounts of heat and light. All other objects are lumps of rock, metal or ice and can be seen because they reflect the light of stars.

Key Vocab: Earth, Sun, Moon, Axis, Rotation, Day, Night, Phases of the Moon, star, constellation, waxing, waning, crescent, gibbous. Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, planets, solar system, day, night, rotate, orbit, axis, spherical, geocentric, heliocentric.

What would it be like to visit North or South America?

This will include:

Geography: Naming & locating countries in N & S America; Exploring differences in weather and climate and linking this to their knowledge of hemispheres and lines of latitude; Understanding time zones and linking this to their knowledge of lines of longitude.

Computing: Safely researching the internet to find information; evaluating the reliability of online information; creating concept maps.

French: Know that some N American countries such as Canada and Haiti speak French; use of the verb *être*; describing dates, birthdays and school.

Art: Drawing and shading using line, tone and perspective; city skylines.

DT

How do you build an effective bridge?

beam, arch & truss bridges, electrical components

PSHE/RSE

Focus on New Beginnings

More information regarding the RSE content will be sent home before each lesson is taught.

PE

Tuesdays: Swimming
Thursdays:
Competitive Games & Fitness

RE

Is believing in God reasonable?
(philosophy focus)

Music

The Blues: history, features and mood of this style.
Improvising using the 12 Bar Blues Scale

Homework

Throughout Year 5 we gradually increase the homework expectations in order to develop the children's organisation and study skills ready for High School. In the Autumn Term, we would like you to focus on setting a habit of daily reading, but we will also start introducing weekly tasks they can try at home.

Maths: TT Rockstars

Children should aim for 15mins per week in the garage. If your child is unable to access this at home, we can provide paper sheets to practice on instead.

Reading

Children should record their reading daily in their home-school diary. This can be anything they read at home (not just their school reading book). Parents – please sign the diary at the end of the week.

Spellings

Every Wednesday we will send home the week's spelling objective and word list for the week, along with an investigation to help practice at home.

Weekly Homework Challenge

Every Friday the children will be set a homework challenge on Google Classroom. This can be completed on paper if preferred.