

Chacewater School – LEAP into Learning

Term: Spring 2

Class: Red Oaks

Theme: Why leave Earth?

On this page you will find an outline of our learning this half term in Red Oaks!

Mathematics:

Fractions:

- compare and order fractions whose denominators are all multiples of the same number
- identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths
- recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number
- add and subtract fractions with the same denominator and denominators that are multiples of the same number
- multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams



Decimals:

- read and write decimal numbers as fractions
- recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents
- round decimals with 2 decimal places to the nearest whole number and to 1 decimal place
- read, write, order and compare numbers with up to 3 decimal places
- solve problems involving number up to 3 decimal places



Science: *Earth and Space*

- describe the movement of the Earth, and other planets, relative to the Sun in the solar system
- describe the movement of the Moon relative to the Earth
- describe the Sun, Earth and Moon as approximately spherical bodies
- use the idea of the Earth's rotation to explain day and night, and the apparent movement of the sun across the sky
- explain how our ideas about the solar system changed over time



Geography: North America

- Locate North America on a world map and explore the landscape
- Identify countries within North America and states within the USA
- Explore the physical geography of the Rockies
- Describe the physical geography of Mount St Helens and the impact it has had on the surrounding area
 - Compare the landscape of different US states
 - Compare New York State, New York City and Cornwall and Truro



English:

Text: Mighty Machines

by Ian Graham

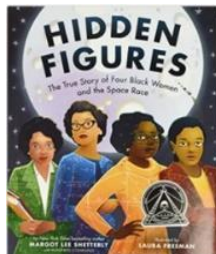
- To write an information page about the Moon



Text: Hidden Figures

by Margot Lee Shetterly

- To write a biography
- To perform and write a speech between Mary Jackson and the Judge



RSHE: Healthy, committed relationships

- Values of healthy relationship
- Diversity in relationships

It's all about commitment

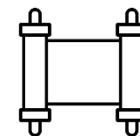


Digital citizenship (Natterhub):

- To understand how what I do online forms my online identity
- To understand the internet is a valuable tool for learning new skills
- To explain how apps or services may collect and share my private information

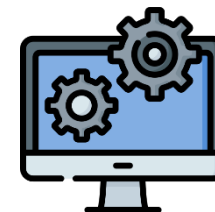
Religious Education:

Why is the Torah so important to Jewish people?



Computing: Flat-file databases

- Create a paper-based database
- Computer databases
- Using a database
- Using search tools
- Comparing data visually
- Databases in real life



Art & Design: Painting

- Mix paints to match the colours in real objects
- Make a realistic collage from paper painted with these colours
- Use the colours thick and apply with a spatula in the style of a well-known artist
- Apply paint smoothly and carefully



PE:



- Tennis – outdoor (Wednesday)
- Dance - indoor (Friday)

Chacewater School – LEAP into Learning HOME LEARNING

Term: Spring 2

Class: Red Oaks

Theme: Why leave Earth?

Alongside regular reading, spelling and maths home learning choose at least one of the following to complete over this half term. You might even be inspired and choose more than one!

Create a new mnemonic that will help others in the class remember the names of the planets and their order from the sun.



Create your own 3D Solar-System.



Write a fact file on Neil Armstrong or another famous astronaut.



Bake your own space themed cookies or biscuits.



Wild card!

You choose something you want to find out about volcanoes or earthquakes.



Build and launch a rocket.



Create a timeline of space travel and exploration events.

Observe how the moon changes each night - keep a diary of drawings to show to the class.

Write an acrostic poem about our solar-system or a planet.



