

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



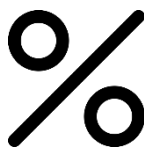
Geography: *North America*

- 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



Percentages:

- recognise the per cent symbol (%) and understand that per cent relates to "number of parts per 100", and write percentages as a fraction with denominator 100, and as a decimal fraction
- solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and fractions with a denominator of a multiple of 10 or 25.



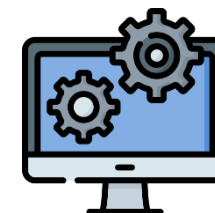
Art & Design: Painting

- 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



Computing: Flat-file databases

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



PE:

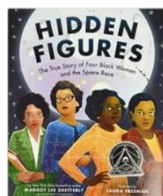


- Tennis – outdoor (Wednesday)
- Swimming – 14th-25th March

English:

Text: Hidden Figures
by Margot Lee Shetterly

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



Text: 101 Things To Do to Become a Superhero ... or evil genius

by Richard Horne and Helen Szirtes

- To write their own page for a book of Things To Do to Become a Superhero ... or evil genius



RSHE: Healthy, committed relationships

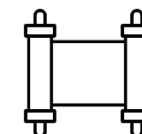
- Values of healthy relationship
- Diversity in relationships
- It's all about commitment



Religious Education:

Why is the Torah so important to Jewish people?

- What can we find out about Jewish communities in the Midlands and further afield?
- What do Jews believe about God? How do Jews remember their beliefs about God?
- What is a Sefer Torah? How is it used?
- Are there particular laws that Jewish people need to follow?
- What happens during worship at a synagogue?



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.



Use scrap paper, foil, sweet wrappers and other junk around the house to create your own space collage.

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



Keep a sky at night journal for a whole week. Write about everything you can see in the sky. You could draw a picture of the moon every night. Does it change over the course of the week?

Write an acrostic poem for a poem

