

Learn these facts to help you with your work:

Knowledge Organiser Year 1 Autumn 1

We have Lift Off!

Science

We will learn to identify everyday materials including plastic, glass, metal, rock and water and distinguish between an object and the material from which it's made. We will compare and group a variety of different everyday materials based on physical properties and scientifically explore through simple tests to find out which materials are the best fit for different purposes.

Vocab: Metal, wood, plastic, metal, rock, water, liquid, solid, dense, rough, smooth.

PSHE

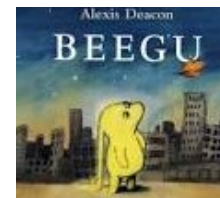
Children will learn about Zones of regulation. And how to help people feel welcome in school and the community. They will learn about people's rights to learn and how to work well with others.

Music

learn about the differences between pulse, rhythm and pitch and to learn how to rap and enjoy it in its original form.



Our author this term is
Alexis Deacon



Art

Children will learn how to draw spaceships with pencil and chalk and how to add detail with paint.

DT

Learning different ways to join materials.

Religious Education

Celebrations and festivals.

Children will be learning how and why people celebrate. They will be learning about harvest and Eid-ul-fitr. They will learn about festival stories and what they mean. They will be discussing how people have different religious faiths.

History

Key events:

The first moon landing. Neil Armstrong and Buzz Aldrin landed on the moon on 20th July 2069.

Know what proof there is that the moon landings took place.

Helen Sharman is a Sheffield astronaut who visited the MIR space shuttle in 1991.

Tim Peake is an astronaut who spent time on the International Space Station.

In 1903, Wilbur and Orville Wright invented the first airplane.

Famous people and places

Neil Armstrong

Buzz Aldrin

Tim Peake

Mae C Jemison

Space and aliens



PE

In PE we are doing fitness and

Ball skills.

English

We are learning to read and write the days of the week.

Children will be reading individually and in small groups.

We are going to be using pictures and titles to help us predict what books will be about.

We are reading fiction books about space and aliens and we are using non-fiction book to find out about the moon landings.

We are reading Cave Baby, .Avocado Baby and Beegu. We are using these book to focus our writing on:

Writing captions

Using capital letters and full stops

Using our phonics to write sentences

Using capital letters to write names

Using capital letters to write I

Write a letter of apology.

Maths

Place value of numbers within 10.

Sort, count and represent numbers within 10. Count forwards and backwards from any number within 10.

Use the language one more and one less.

Use 1 to 1 correspondence to compare groups. We will be using the words: equal, more, greater, fewer, less and the symbols = < and >.

Comparing numbers and ordering groups of objects.

Using ordinal numbers (1st, 2nd, 3rd.....)

Putting numbers on a number line.

Addition and subtraction within 10.

Part whole models

Addition symbol + and subtraction symbol -

Fact families—addition and subtraction facts

Number bonds for numbers within 10, systematic methods for number bonds within 10

Number bonds to 10, compare number bonds

Addition—adding together and adding more. Finding a part