Autumn Two in Year 5

Forces and Motion & Discover North America Quests



English

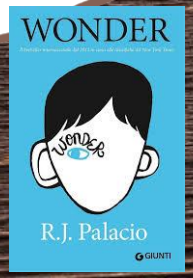
We will start the half term reading Cogheart by Peter Bunzl. In this adventure story we will meet Lily and travel with her as she tries to unravel the secrets of her father's disappearance.

In our English lessons we will be learning more about how to write in a journalistic style as well as writing diaries in character.

For the second half of the term we will be exploring the book Wonder. This book will lead to writing in a range of styles including poems, diaries and informal letters.

We are reading...





Maths

As Mathematicians, we will be:

*finding and recognising equivalent fractions (to unit and non-unit fractions).

* converting between improper fractions and mixed numbers.

* comparing and ordering fractions.

* adding and subtracting fractions with the same denominator.

*adding and subtracting fractions and mixed numbers

* revising and building on x and ÷ learning.

Science

As Scientists, we will be:

-Exploring friction, water resistance, air resistance and gravity.

-Investigating air resistance practically with a parachute experiment, making sure that we are conducting a fair test.

-Conducting an experiment to learn about water resistance and streamlining.

RE

In RE our big question will be:

Is the Christmas Story True?

We will be exploring different versions of the Christmas story and deciding if we believe that the events recorded in the bible are true.

We will be considering how 'true' can mean different things to different people.

DT

For our DT project, we will be constructing Doodle Bots – a functional Doodler that creates scribbles on paper with or without a switch. The children will learn to identify simple circuit components (battery, bulb and switch); explain that a series circuit is assembled in a loop and develop design criteria with consideration for the target user, the purpose of their Doodler. Secondly, the children will be learning about the structure of bridges, the difference between beam, arch and truss bridges and strong shapes before building their own weight-bearing bridge.

Information

To support your child at home, please ensure they are reading a minimum of 5 times each week. Please sign the reading journal to show this. Reading journals are collected in class on a Friday morning. Continuing to use TTRockstars regularly will help your child with times tables recall. 20 minute per week practise has been assigned to your child's TTRS account and there is a sticker in their planner to help you log in.

PE Days: Mondays and Tuesdays
Please send your child into school in their active wear on these days.

Please keep an eye on the school website and newsletters for our Christmas Concert Date and Singing at the Cross.

Geography

Would you like to live in North America?

As Geographers, we will

- Identify the countries, capitals and time zones of North America.
- Develop our mapping skills to identify the different states in the USA and explore their geographical features.
- Compare the UK to a region in North America.
- Research the human and physical features of a particular North American state.



Music

As Musicians we are going to
Focus on why we sing and share some gospel music, instrumentation ideas, vocal decoration and the structure of different songs.

PE

Indoor PE continues our exploration of gymnastics. Further to the moves already learnt, the children will apply these to moving in cannon and in synchronisation whilst creating effective routines using an array of different apparatus.

Outdoor PE sees us enhancing our throwing, catching and aiming skills in netball. As Year 5s, we will also have a greater emphasis on movement and finding space. They will develop movement skills to lose a defender in different situations and move into space and take the ball towards goal.

PSHE

In our PSHE sessions we are learning how to celebrate differences.
We will explore different cultures, challenge racism, explore how rumours, name calling and bullying affect a person.
In our sessions we will consider if money really matters and then celebrate differences across the world.

Computing

As Computer Scientists, we will be exploring how to use the computer to complete a vector drawing.
Using a range of drawing tools, we will combine ideas to create a final piece of art.
We will explore how to manipulate images and layer them to create an overall effect.