

Spring Term 2

Purple Class

Scientists and inventors.



Big Hero 6-Movie Time.
Inventor Station in Class (STEM)

Curriculum Intent

Child centered learning encompasses opportunities for pupils to learn and develop their confidence and skills through a broad, differentiated, and creative curriculum. Our philosophy incorporates flexibility in **order** that children can access a variety of experiences throughout their time with us. Our curriculum is devised so that pupils follow a pathway that will have the most effective impact on their individual development.

Introduction:

This half term looks like a busy one!

We will be looking at stories around emotions in English, we will continue to focus on all areas of math in lessons and during our daily 20 20 sessions. We are going to be part of a Science kitchen group to investigate materials. We will be looking at the changes that occur.

English:

Our English this half term will be Stories on a Theme. The theme will be Emotions. We will read, predict, analyse, and discuss story dealing with emotions.

We will also be using and punctuating direct speech, writing stories based on King of the Sky.

Maths:

In maths we will focus our learning on number facts and counting numbers and the number system. Our focus during maths lessons and 20 20 will also be-doubling halving, addition and subtraction. This can be done practically- doubling and halving numbers. Of course we will continue to work on addition and subtraction, time measurement and 2D shape. We will use computing and purple Mash for areas of maths and interactive games and songs.

Music:

Pulse, Rhythm and Pitch working together

Let Your Spirit Fly Musical Style: R&B

Colonel Bogey March by **Kenneth Alford**

Ain't No Mountain High Enough by **Marvin Gaye**

You're The First, The Last, My Everything by **Barry White**

Science:

The Science Museum wants to expand its Science Kitchen education resource to include more exciting materials investigations. You have been selected to devise and write the materials to be included. You will need to carry out a range of investigations into the changes that occur to certain materials when they are heated, cooled and mixed with other materials to ensure your content is accurate and inspiring. Get your lab coats on - it's going to get messy!

Geography.

Locational Knowledge Locate the countries where famous scientists and inventors came. We will be using maps and atlases. We will also study the places where famous scientists and inventors come from. Identifying human geographical features of famous inventors: bridges, churches, skyscrapers etc.

Art

In art this half term we will be looking at Andy Goldsworthy's. Our focus will be 'Environmental Art'. We will gather leaves and other natural objects found in the outdoor learning space and create their own artwork patterns. Children will be encouraged to take pictures of their work using the Ipad.

Physical Education

This term we will be improving our swimming and football skills through weekly specialist coaching

Balance: beams/benches, hop from one foot to the other, looking up at the ceiling.

Coordination: making shapes, side stepping, walking holding a ball, walking throwing and catching.

Agility: changing direction, running through ladders, throwing to a target, hop scotch, two foot jumping over hurdles. Develop flexibility, strength, technique, control and balance.

Computing

To understand that people online may not be who they say they are.

To understand the dangers of giving out personal information online.

To understand the dangers of spending too much time online. Radicalization through the internet/gaming –PREVENT.

Vocabulary – E-safety, online safety, social media, radicalization, PREVENT, extremists.

SMSC

Healthy Me!

We will be looking at Keeping healthy and making healthy choices and eating a balanced diet. I know that's going to be fun one for us all! Also, we will look at being physically healthy and mentally. Making sure we can keep ourselves and others safe.

Scientists and inventors.

We will be comparing and contrasting the use of symbols, actions and gestures used in worship by different communities. Our religions will be: Christianity, Judaism, Hinduism.