

Literacy

Literacy will be linked to our IPC topics and through creative activities to inspire high quality writing. We will start the term with writing a space story, focusing on creating atmosphere and suspense. Turtles class will then turn the conclusion of this story into a stop-frame animation using iPads. Other genres this term will include persuasive writing linked to the planets of our solar system, posters about famous space explorers/engineers and scientists and poetry. Every lesson will contain some grammar and punctuation work to help improve the impact and effectiveness of Turtles Class' writing. In reading, we will be practicing critiques each other's work, skim reading to find relevant information and focusing on the seven reading comprehension skills: Clarifying ,

IPC Spring 1

We know that when we look up at our sky we will see the Sun, the Moon and the Stars. But why are they there? What do they do? How do they affect the Earth?

Science:

Our Topic is Space Explorers. Our Entry point will be all about rockets! The children will be challenged to design a rocket to deliver a parcel to the International Space Station.

Astronomy, like all sciences, is about asking questions. By becoming *Space Explorers*, we can find out more about our solar system and the deeper mysteries of the universe. This term we will be investigating the scale of the different planets in our solar system and how far away each one is.

Technology

For Technology, we will be using Computer Aided Design (CAD) to plan 3D models that we will then create using modeling clay, woodworking skills and 3D printing.

PE

Our P.E. lessons take place now on a Thursday afternoon with Mr Dovrat. We will also be continuing with our Dance lessons on Tuesdays,

Children may wear their P.E. Kit to school on Tuesdays and bring their school uniform to change into. On Thursdays, children are to wear their school uniform to school and go home in their P.E. Kit.

Maths

This term we will be building on the learning from last term and applying it to investigate:

Properties of shape Angles Time and timetables
Money Fractions Mathematical Movement
Data handling

We support our pupils to be able to think more in depth about maths. This term we will be challenging ourselves to explain and justify how we apply our knowledge of number to different areas of maths and daily life. With this depth in understanding, we will further be able to make useful connections between different areas of the curriculum; mathematical skill will be of particular

importance as **Spring Term 2018** we carry out scientific investigations.

Turtles Class

Curriculum guide for pupils and parents



Our topic the term is: Space Explorers

Computer Science and ICT

Every child has the right to information from a range of sources (Article 17)

Turtles will be learning about computer programming this year as well as using Computer Aided Design (CAD) software. Pupils will be completing two '1 Hour of Code' challenges in Spring 1 and then creating their own space computer games in Spring 2.

How you can support your child's learning this term:

Use www.conquermaths.com to practise the areas of maths we are doing in class.

Encourage your child to read news articles to inform them about global and local issues especially relating to the environment. Make time to hear your child read and talk to them about the meaning of new words to extend their vocabulary.

Homework will be sent out on Wednesday and due the following Monday

Spelling words will be sent home every Monday in the children's reading

IPC Spring 1

We will continue to explore space and all its wonders whilst learning about how scientists unlocked the mysteries of the universe using the very same methods we have already employed in the classroom.

Science

In Spring Term 2, we will be learning about craters on the moon and how they were created. In addition, we will learn about the cycles of the moon and the technical terms used to describe these. We will learn about the different instruments people use to learn about space and make new discoveries. Turtles will learn about the sun and how this affects the number of hours of daylight each country has and why. This information will be transferred onto a graph so that we can compare and contrast daylight hours. In addition, we will explore the science of chemistry in toy design.

History:

For history we will be exploring the changing perspectives, knowledge and methods of science through time. Along the way, we will learn about great historical scientists such as Galileo and Isaac Newton.

PSHCE

Our Social and Emotional Aspects of Learning (SEAL) topics this term are Going for Goals... We will be building on our understanding of how our brains learn and developing a growth mindset to ensure we achieve the goals we set ourselves at the beginning of term. Turtles Class will then share our achievements in our Seal Assembly at the end of Spring Term 1

FRENCH

We will be learning to follow classroom instructions in French and key words which are linked to our IPC topics. I will be encouraging the children to use simple French sentences each week to communicate.