

Computing

Robots can be found almost everywhere. In this unit, the pupils will explore robots in the world around them, learn about driverless cars and automation, create graphics and programs using Scratch, and learn about repeat, variables, and conditional commands. In the final challenge, the children will create a program for a driverless car to navigate a city map.

PE

Topic: Net and Wall Games
In this topic, pupils develop their understanding of attacking and defending principles in net games such as using a ready position to defend their court and placement of a ball into space. They use and develop skills such as throwing, catching, tracking and hitting a ball. Pupils learn how to score points and how to play to the rules. They work independently, with a partner and in a small group and begin to self-manage their own games, showing respect towards teammates and opposition.

Accessing the Community

Curriculum:
This half term we will be visiting the Area 51 café exploring the space themes as well as making choices and practicing our skills using and exchanging money. We will also be going to Hesketh Park observatory and hopefully take a trip to Liverpool Museum to explore their observatory too.

Enrichment:
We will also be attending forest school every Friday taking turns by splitting the class group. We will be safely exploring and identifying simple tools (e.g., peeler, bow saw). They will also learn to hold, carry, and store tools correctly, and begin basic wood shaving and sawing tasks. On Thursdays we will also take part in cycling where we will explore road awareness and safety and start understanding how and why turning signals are used.

Music

Pupils will be listening to Gustav Holst's The Planets to develop their understanding and skills in using dynamics, timbre, tempo and motifs; Identifying dynamics, timbre, tempo and instruments in music heard and comparing pieces by the same composer. Visually representing music in creative and more formal ways and learning to compose simple motifs.

Maths

Number: This half term we will be continuing with multiplication and division exploring steps such as:

- Odd and even numbers
- 2,5 and 10 times table
- Dividing by 2, 5 and 10

Topic: We will be learning about position and direction for this half terms topic. Exploring steps such as:

- Language of position
- Describe movement
- Describe turns
- Shape patters with turns

Science

This half term we will be looking at the different planets in our solar system and what makes us have our seasons and why we get day and night. We will be looking at tying in our IT skills to what we find out.

Art/DT

Art To Infinity and Beyond; Students will explore the swirling skies of Vincent Van Gogh and refine techniques in painting – slatter painting and printing ... to produce representations of stormy skies showing movement and expression .

DT
Students will explore Design Technology this half-term through the building of stable structures such as bridges using different materials. We will see if our bridges can hold heavy items and explore being engineers! During STEM week, we will also explore other DT activities.

Humanities

This half term we will be exploring the topic of space and when people went to space. We will be looking at the timeline of space exploration and using evidence to discuss how we know people travelled to space.

English

Key books: Oliver Jeffers Focus; The Way Back Home, Here We Are, How to Catch a Star, Man on the Moon Neil Armstrong (Little People, Big World)

Phonics: Following Twinkl phonics programme phase 2,3, 4 and 5.

Writing curriculum area: This half term we will be evaluating, editing and performing our written work. We will also be covering story writing, diary recounts and extending our sentence structures by practicing writing paragraphs.

Speaking and Listening Curriculum area: Vocabulary

Class: Formal Pathway
Big Idea: To Infinity and Beyond Term: Spring 2
The quality of our curriculum is underpinned by our autism pedagogy which is responsive to the individual needs of each pupil. Our five point star approach provides a framework where the pupil sits at the centre of all we do. We understand that receptive and expressive communication is key to learning and we adapt our approaches to individual need. We also recognise and understand sensory differences and the impact these can have on our pupils. Alongside this we support our student's strengths so that they are motivated to learn. Our lesson are uniquely designed and personalised to prepare each pupil with their own skills and strategies for learning and life.

Peterhouse Preparing for Adulthood

This half term we will be exploring work related working looking at identity and wellbeing as well as learning about the different roles and responsibilities people have in their community. We will also be looking at what people do whose jobs involve caring for children and keeping them safe.

We will also be taking part in STEM and Careers week on the 2nd-6th of March. For our sex and relationships topic we will be looking at keeping safe and managing risk. For example, risks in the immediate and wider environment, hazard awareness, first aid and social media risks. We will also be looking at permission, peer pressure and the importance of consent.

