

Technology and Science

With Ms Princel

Technology

R-2

- exploring how plants and animals are grown for food, clothing and shelter
- discovering the impact that declining bee numbers will have on plants and food production.
- programming simple robotic devices.
- develop bee-bot maps and coding bee-bots to navigate our maps.

Room 1

- creating sensory toys
- learning the parts of a computer (hardware and software) and how to use them.
- programming simple robots.

Yr 3/4

- learning to explain how products and environments are designed to best meet needs of communities and their environments.
- discovering the impact that declining bee numbers will have on plants and food production.
- programming simple robotic devices
- learning how to create a visual program in Scratch
- develop bee-bot maps and coding bee-bots to navigate our maps.

Yr 5/6

- learning to implement digital solutions as simple visual programs involving branching, iteration (repetition) and user input.

Yr 7

learning to implement digital solutions as simple visual programs involving branching, iteration (repetition) and user input.

- learning to acquire, store and validate different types of data, and use a range of software to interpret and visualise data to create information (such as school heat maps).
- investigating ways products, services and environments evolve locally, regionally and globally, using social, ethical and sustainability considerations to develop designed solutions.

Science

Room 3 and 4

We will be learning about Earth and Space Sciences – Look Up and Around. In this Science unit, students will investigate observable changes that occur in the sky and on the land. They will describe the Sun's path in the sky and the appearance of the Moon and stars at night. Students will observe and record seasonal and daily weather changes and identify how they influence their daily lives.

Room 1

We will be learning about Earth and Space Sciences – Look Up and Around. We will be discovering how the sky changes during the day and night as well as learning about types of weather.

Pod 2b

We will be learning about Biological Sciences – Adapting to Survive. In this Science unit, students will examine and understand that living things have structural features and adaptations that help them to survive in their environment.