

Art

- Gain an understanding of the artist Dale Chihuly and develop art vocabulary.
- Appreciate the work of an artist and work in their style using relevant art materials and knowledge of colour theory.
- Develop media & technique application skills. Using sculptural, colour theory and decoupage skills

Computer Science

### Binary representation

- Students will learn how computers can only represent things as a series of 0's and 1's
- Students will learn how computers convert our numbers to binary numbers
- Students will learn about the hexadecimal number system and learn how to convert to and from it
- Students will learn how computers add binary numbers together.

Drama

### An Introduction to Devising and Scripted Performance

- To explore ways to respond to a stimulus and build respect through practical learning.
- To demonstrate use of vocal and practical skills in performance.
- To build confidence in performing and audience awareness.

English

### Shakespeare: A Midsummer Night's Dream

By the end of this module, students should ....

- Continue development in language analysis (Following on from Chaucer)
- Explore and discuss the theme of morality in relation to character motives and choices.
- Create and engage in a role play scenario depicting the issues and resolutions for the characters involved.

E2L

### Health and Well-being

- Physical, Emotional and Social health
- Presentation project
- Comprehension skills

Design Technology

Students will be on a series of rotations in the following order, each lasting 7 weeks or 14 lessons. Throughout the year they will cover:

**Engineering** – User Centered night lights

**Product Design** – Design work inspired by nature

**Textiles** – Amazing applique

**Food** – Healthy choices

Modern Languages

**French-** how to use the verb “avoir” to describe themselves and others and refer to the future tense.

*For yourself & for others*

## Geography

In Geography our students will be studying the impact of rivers in different countries around the world.

## History

How powerful were Medieval English Kings?  
What was Mansa Musa's greatest legacy?  
What were the consequences of the Black Death?

## Maths

Students will be learning the properties of 2D shapes; the perimeter of rectilinear shapes; area of rectangles, triangles and compound shapes; how to read and plot co-ordinates; about factors, multiples and primes; how to write and compare fractions, and; how to add and subtract fractions.

## Music

Students will be learning about harmony through Pop Music; exploring music from different sub-genres of Pop. They will be learning about how to compose chord sequences and use the voice and style functions on the keyboards. They will develop listening and appraising skills by learning about the instruments in Pop Music, and respect of performance through paired keyboard work.

## Physical Education

Dodgeball  
Badminton  
Rugby  
Swimming  
Girls football

## Science

Earth Structure and Universe  
Variation and Human Reproduction  
Energy Costs and Energy Transfers