

## Maths

### Geometry:

Properties of Shape and Position and direction  
Describe positions on coordinate grids, Reflection + translation

Measurement: Conversion of units of measure, length, mass, volume

Ratio: Solve problems where the scale factor is known or can be found, sharing and grouping using knowledge of fractions and multiples

Algebra: Use simple formulae, linear sequences, missing number problems, algebraic equations, combinations of variables  
Consolidation of curriculum  
Times tables

## English

-Non-Fiction: Incredible Edibles - Instructional text linked with our science topic work.

- Fiction: The Ice Bear - Talk for writing to inspire our story writing

-Non-Fiction: Cracking Contraptions - Explanation text

- Guided reading with comprehension questions

- Weekly spelling

## Year 5: Materials: Topic - Science

Compare and group materials based on properties; investigate properties; dissolving to form solutions and how to recover substances; separating mixtures by filtering, evaporating and sieving; comparative and fair testing of everyday materials; changes of state; reversible and irreversible changes.

Identifying scientific evidence that has been used to support or refute ideas or arguments. Planning different types of scientific enquiries to answer questions.

Plan and prepare for school science fair.

### Year 6: Electricity

Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit.

Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches.

Use recognised symbols when representing a simple circuit in a diagram.

Plan and prepare for school science fair.

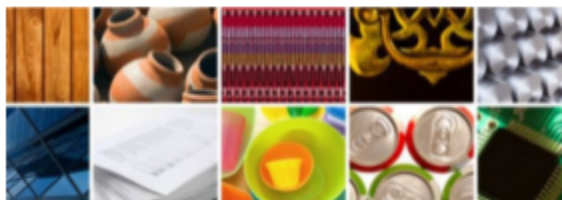
## Computing

- Scientific Spreadsheets
- Music and Sound creation
- Block coding a game
- Intro to the Python language (Y5)
- eSafety - Cryptography

## PE

- Gymnastics
- Athletics
- Beach Volleyball
- Dance

## Marvelous Materials



### Amber Class

## PSHE & Mindfulness

Focus on positive behaviour using our 'Positive Pathway'

- Continue to explore our emotions and feelings and strategies to support
- Social problems solving strategies
- Self reflections

- Emotional literacy
- Yoga practices and bodily awareness exercises

## Art & Design & Agriculture

### Art

Shapes and forms: Wassily Kandisky, Collage

Impressionism : cadavre exquis

Pointillism: Painting like Seurat

Max Ernst: Monographie (Printing)

### Garden

The worm compost

Permaculture

Recognizing sickness and natural treatment

Maintenance of our garden

Individual guidance

The four types of vegetables

## Portuguese

- Topic related vocabulary
- Project " My favourite song"
- Dialogues using the Past simple and Present simple

### Music

- Play ear training games: guess music instruments, music from films, series...
- Rhythm and coordination games using the body and percussion instruments
- Create and sing an Amber Class "Anthem", teaching them how to write and make songs (parts of the music, chords, lyrics)
- Basic orientation about music reading, how to recognize the symbols, notes, music elements

### Drama

- Play "Anything Fabric", a divergent-thinking improvisation game, where students generate multiple possibilities for a single piece of fabric.
- Create a fabric making machine using body gestures, sound effects and each member of the group.
- Create a scene, in small groups, in the environment of a fabric factory, including workers and bosses and looking at the difference in status between those characters.