

## Maths

To practise and use multiplication tables (up to  $12 \times 12$ .)

- Decimals and percentages
- Perimeter and Area
- Statistics
- Shape
- Position and Direction

A separate knowledge organiser will be sent for each area.

## Science

To know and identify the different forces acting on an object.

To know what balanced and unbalanced forces are.

To know what gravity is and to explain the effect of gravity on unsupported objects.

To know how the first theory of gravity was developed.

To know what air resistance is and the effect it has.

To know what water resistance is and the effect it has.

To know what friction is and the effect it has.

To explore and design mechanisms.

**Music - Egyptian Music**

**PE - Swimming (5FB)**

**Orienteering and Cricket (5H)**

**PSHE - Being My BEST**

## Literacy

### Poetry

- alliteration
- adjectives
- similes
- metaphors
- onomatopoeia
- pathetic fallacy
- repetition
- verbs

### Balanced Argument

- adverbials
- parenthesis
- quotation
- contrast
- causal conjunctions
- relative clause
- rhetorical question.



### DT - Egyptian Tomb Making

To understand the difference between a butt joint and a mitre joint.

To know that joints can be reinforced using wood glue and card and to apply this knowledge to strengthen my final structure.

To know the design criteria and use this to create a functional design through annotated sketches and cross-sectional diagrams.

To know that tools such as hacksaws, bench hooks and craft knives are needed to create a wooden structure.

To evaluate ideas and products against my own design criteria and consider the views of others to improve my work

## History - Ancient Egypt

To know how to use a timeline to order significant events/eras in history.

To know how to use a timeline to order significant events in Egyptian history.

To know where and when other ancient civilisations appeared (Ancient Sumer, the Indus Valley and Ancient the Shang Dynasty of Ancient China)

To know significant events in Egyptian history.

To know how to investigate and draw inferences from historical Egyptian artefacts.

To know why the river Nile was important to the Egyptians.

To know how Howard Carter made his discovery.

To know the significance of the discovery of Tutankhamun's tomb.

To know the social pyramid of Ancient Egypt.

To know the role of the Pharaoh in Ancient Egypt

## Art

To know the features, meanings of symbols included on an Egyptian Cartouche and the history behind it.

To make observational drawings of traditional Egyptian Cartouches.

To know the works of Johnson Tsang and make observations about them.

To demonstrate control and consider size and space while sketching accurately using pencil.

To know how to join parts of a sculpture and to experiment with this before producing my final piece.