

## Literacy

- To read and study non-fiction texts- To write questions using a ? and then find out facts about Materials.
  - To use **BOSSY** verbs to write instructions.
  - To join letters in writing.
  - To write stories and use story language. To be able to describe characters - 'The Three Little Pigs'
  - To write firework poems using onomatopoeia and adjectives.
- GRAMMAR** To find **verbs** in a sentence to choose better **verbs**
- To be a **noun** hunter, find nouns and replace nouns.
  - To use **adjectives** to describe feelings and nouns.
  - To add **suffixes** to words e.g. help helper helped.

## Maths

- To estimate and measure using centimetres and metres.
- To name 2D shapes -square, circle, triangle, square, rectangle, pentagon, hexagon, octagon.
- To name 3D shapes -cube, cuboid, sphere, cylinder, triangular prisms, hexagonal prism, pyramids describing the number of edges, vertices (corners) and faces.
- To know fractions-  $\frac{1}{2}$  and  $\frac{1}{4}$ ,  $\frac{3}{4}$  of 2D shapes and small numbers. To know that  $\frac{1}{4}$  and  $\frac{1}{4}$  =  $\frac{2}{4}$  or  $\frac{1}{2}$
- To understand simple multiplication x2, x5, x10.
- To recognise patterns and sequences.

## P.E

Dance – Firework Dance

Moving in different levels, pathways, speed

Games

- To learn ball handling skills. Choosing equipment /creating challenges. How many can you do in a minute? Creating games. How can we score? Make the game for both partners.

## Science

- To know that objects are made from different materials and to name different materials.
- To know some materials are **natural** and some are **manufactured**- to ask questions and find out about where materials come from e.g. most plastic is made from oil.
- To use the two senses **look** and **feel** to find out and describe the **properties** of materials e.g. bendy /firm, transparent, absorbent, waterproof, hard /soft
- To sort materials by their **properties**.
- To consider why objects are made of different materials e.g. Why is a lock made of metal?
- To know that materials can be changed when heated and cooled.

## R.E and P.S.H.C.E

- To find out about other Festivals of Light celebrated around the world- Hanukah, St. Lucia's Day and Christingle.
- To know the Nativity story is a Christian festival.

## Music

- To explore pitch and pulse.
- To learn and perform songs for Christmas Concert and to sing songs as a class in rounds.

## ICT/ART

- To create pictures using a graphics programme.
- To research the internet to ask questions and find facts about Materials.

**Marvellous  
Materials  
Autumn 2017  
2<sup>nd</sup> half**