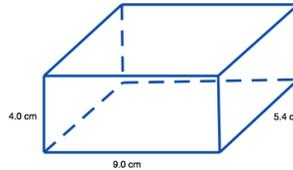


Class 6

TERM 3 2016-17



Questions about our 3D world topic

- Why do solid materials hold their shape?
- Are some 3D shapes more stable than others?
- What different materials are used to build a house and why are they chosen?
- What does volume and capacity mean?
- How do you find the volume of a cube?
- How could you build an 'earthquake-proof' building?
- How has 3-dimensional work been used in art?
- How do 3-D televisions and cinema screens work?

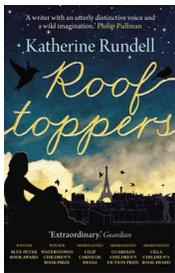
Our theme in term 2 is '3D world'

This topic will take us through the study of materials and their properties and how different materials are used to create stable structures. We will be applying these ideas to art, D&T and maths.

Please encourage your child to have a look at some of the questions below to be ready to contribute to the class's learning.

Literacy

We have just begun reading *Rooftoppers* by Katherine Rundell. It is a story full of mystery, emotion and adventure and is very well-written and the class are really enjoying it so far. We will learn a lot of new vocabulary and writing techniques.



Maths

This term we will cover:

Wk 1-3 Algebra
Wk 4-5 Measures
Wk 6 2D and 3D Shapes

PE/Games

Indoor PE will be gymnastics on Thursday afternoons.

Outdoor Games will be hockey on Monday mornings.

CLASS 6

TERM 2 2016-17— THE ANCIENT GREEKS

The adventures of Odysseus

We had a lot of fun reading about Odysseus's journey home to Ithaca from the fighting the Trojan wars. Then we wrote our own action-packed (and quite gory) Greek legends. Here is an excerpt from Aaron's story, in which Circe and Aphrodite have kidnapped Odysseus' son, Dideus:

"To protect Circe, Aphrodite sent a pack of wolves to kill Odysseus and his men. Odysseus lifted his head.

"Wolves!" he shouted.

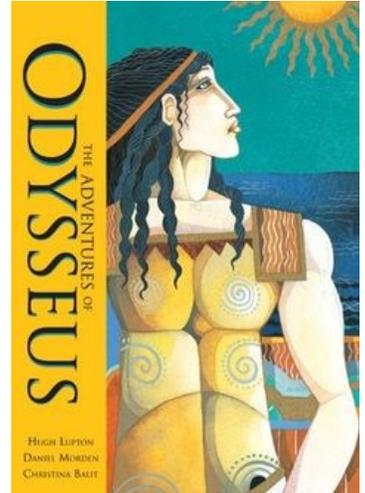
His men lifted their swords—slash! Slash! Swish, swish! Odysseus' men killed every wolf one by one, in a huge blood bath. When all the wolves were dead, Odysseus sprinted into Circe's palace, up the flight of stairs and into Circe's bed chamber.

There by the window was Circe, holding Dideus. Odysseus' eyes filled with rage and he lifted his sword ready to kill her. She suddenly turned around and dropped Dideus out of the window and disappeared.

"No!" yelled Odysseus.

He rushed to the window and peered out. To his astonishment one of his crew had caught Dideus. Odysseus was filled with relief.

"Set a course for Ithaca!" said Odysseus, "We are going home."



Eureka

We tried solving Archimedes' problem of the King's crown. Here is how Riley explained it:

'Archimedes was asked by the King Herio to find out if his goldsmith had substituted part of the gold he'd been given to make a crown with a cheaper metal that was less dense.

We used plasticine to represent the gold and a cork to represent the cheaper metal. When a ball made of plasticine wrapped around a cork was dropped in water it displaced more water than a ball of the same weight made of just plasticine. This means it was less dense.'

The story goes that Archimedes used this idea to find out if the goldsmith had cheated the king.

