

Home learning - Year 6

It was a deserted Wednesday morning in January. At the Natural History section of the museum of London, Tom (third class apprentice) was lost in thought, wondering about the first ever great chase since emerging from being unseen for 10 years.

He should have been doing his duties but, he was way too excited to do any of it. Chudleigh Pomeroy (Deputy Head of the Guild of Historians) was not impressed with how the vigorous shaking was causing dust and exhibits to rock and sway about. "I'm off" he said in a huff as he slammed the door behind him. When Pomeroy left, Tom waited 20 minutes with no sign of the Guildsman returning, So he sneaked away.

Traipsing through the brightly lit corridor and stairway that led to the 21st century gallery, where the statues of Pluto and Mickey Mouse stood, ran across the main hall and slipped through a side entrance leading to Tottenham Court Road. Pushing his way through the dark, jam-packed street towards the crowds in front of the public Goggle-Screen, he had his 1st glimpse of the prey. Longing to be down at the observation deck, he thought "what will a few minutes do", so off he scarpared.

Well done Year 6, you have worked incredibly hard throughout this term and have produced some amazing pieces of work!

Dolcie and Ryan have shown great skills with missing number problems.

Dolcie

Lightning is an electrical discharge caused by imbalance between storm clouds and the ground, or within the clouds themselves. Most occur in the clouds.

A lightning strike could kill you, about 2000 people are killed worldwide by lightning each year. Most survive strikes, but it can cause lasting symptoms such as memory loss, seizures and other life changing issues.

A car is totally safe in a thunderstorm because its tires and metal frames conduct the current and carry the charge straight into the ground.

Michael Faraday was an English scientist who contributed to the understanding of electromagnetism. He invented the Faraday Cage in 1836.

The Faraday cage is sealed enclosure used to block electromagnetic fields. It is formed by a continuous covering of conductive materials. Outer layer blocks external electric field both static non-static protecting the enclosed space.

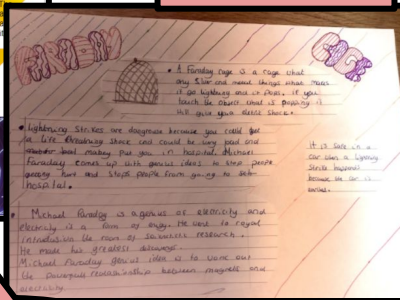
Why cars are good in a thunderstorm!



Brandon

Brandon and Kara-Lynn have shown excellent knowledge when looking at Michael Faraday's theory in science.

Kara-Lynn



FAREWAY

A Faraday cage is a cage made of wire mesh that blocks external electric fields both static and non-static.

Lightning strikes are dangerous because you could get hit. The electricity does not flow through you because you are inside a Faraday cage. Faraday cages are used to protect people from lightning strikes. They are made of metal mesh.

Michael Faraday is regarded as actively active electricity is a form of energy that can be stored in the form of electrical potential energy. He made his greatest discovery Michael Faraday discovered the law of conservation of mass.

Dillon

Dillon has written a fantastic action narrative, based on our book of 'Mortal Engines.'

In art we have looked at 'still life' - here is Kendice's and Jimmy's work.

Kendice

Jimmy



Ryan

$$\begin{array}{r}
 8 \\
 1 \times 2 = 2 \\
 2 \times 6 = 12 \\
 3 \times 10 = 30 \\
 4 \times 4 = 16 \\
 5 \times 7 = 35 \\
 11 \times 3 = 33 \\
 12 \times 2 = 24 \\
 13 \times 4 = 52 \\
 14 \times 5 = 70 \\
 15 \times 3 = 45 \\
 16 \times 6 = 96 \\
 17 \times 8 = 136 \\
 18 \times 9 = 162 \\
 19 \times 7 = 133 \\
 20 \times 10 = 200 \\
 21 \times 11 = 231 \\
 22 \times 13 = 286 \\
 23 \times 14 = 322 \\
 24 \times 16 = 384 \\
 25 \times 18 = 450 \\
 26 \times 20 = 520 \\
 27 \times 12 = 324 \\
 28 \times 15 = 420 \\
 29 \times 17 = 493 \\
 30 \times 19 = 570
 \end{array}$$

Dolcie

IBAT solve missing number problems

Column B

$3 \times \square + 15 = 11$

$11 - 5 = 6$

$6 \div 3 = 2$

$4 \times 6 + \square = 51$

$51 - 24 = 27$

$27 \div 4 = 6.75$

$3 \times 11 + 4 = 5$

$5 - 11 = -6$

$-6 \div 3 = -2$

$4 \times \square + 3 = 23$

$23 - 3 = 20$

$20 \div 4 = 5$

$5 \times 4 = 20$

$20 + 3 = 23$

NS $7 \times \square + 0.9 = 6.4$

$6.4 - 0.9 = 5.5$

$5.5 \div 7 = 0.7857$