

Year 6 Knowledge Map – Pentecost 1


Maths


Remember we can give remainders to divisions in a number of ways: r, fractions or decimals.


$$12 \overline{)1446} \text{ r } 6$$


6 is $\frac{1}{2}$ of 12. You can give your remainder as a fraction $\frac{1}{2}$ or a decimal: 0.5.


$$12 \overline{)1446.0}$$


Brackets 

Indices \times^2 

Divide 

Multiply 

Add 

Subtract 

BIDMAS If there are NO brackets - follow the order multiply first!

$$12 \times 5 + 7 = 67$$

$$(12 \times 5) + 7 = 67 \quad 12 \times (5 + 7) = 144$$

$$60 + 7 \quad 12 \times 12$$



English


Our class novel is *Boy at the Back of the Class*



Learn a little more about the author Onjali Q Rauf

Reading Vipers

Vocabulary
Infer
Predict
Explain
Retrieve
Sequence or Summarise



ACTIVE VOICE & PASSIVE VOICE

ACTIVE VOICE
If the subject of a sentence is performing the action, then the sentence is written in active voice.
For example: The teacher taught the children.

PASSIVE VOICE
If the subject of a sentence is being acted upon by someone or something else, then the sentence is written in passive voice.
For example: The children were taught by the teacher.



Subjunctive form

The subjunctive is specific verb form used to express when something is wished rather than an actual situation.

It is often used to express a desirable situation.

If I were you, I wouldn't climb that tree.

Auxiliary verb 'were' is used in the subjunctive, it is often confused with 'was'.

Hail Holy Queen

Hail, holy Queen, Mother of mercy, hail, our life, our sweetness and our hope. To thee do we cry, poor banished children of Eve: to thee do we send up our sighs, mourning and weeping in this vale of tears. Turn then, most gracious Advocate, thine eyes of mercy toward us, and after this our exile, show unto us the blessed fruit of thy womb, Jesus, O merciful, O loving, O sweet Virgin Mary! Amen.

PSHE –Emotional well being

Emotional Well-Being helps children learn about pressures that they may experience from themselves, others and the media. Children will develop ideas on how to build resilience through thankfulness, use simplified CBT techniques to manage their thoughts, feelings and actions and cope with new or difficult feelings such as romance and rage. The final session in this Unit covers how children may be affected by what they see online, including pornography.

RE

Witnesses

Christians believe that the spirit of God is active in each person and in a special way in the community of believers which is the Church.

The Feast of Pentecost is the celebration both of the gift of God's Holy Spirit and the trust God places in people to be witnesses in the world.

Learn these spellings and try to include them in your written work

ancient	communicate	controversy
disastrous	excellent	foreign
government	identity	language
mischievous	occupy	parliament
sacrifice	soldier	vehicle

Year 6 Knowledge Map – Penetecost 1

Science Light

We need light to be able to see things. Light waves travel out from sources of light in straight lines. These lines are often called rays or beams of light.

Light from the sun travels in a straight line and hits the chair. The light ray is then reflected off the chair and travels in a straight line to the girl's eye, enabling her to see the chair.

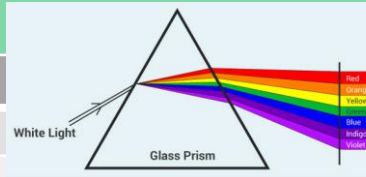
Light travels as a wave. But unlike waves of water or sound waves, it does not need a medium to travel through.

This means light can travel through a vacuum - a completely airless space.

The law of reflection states that the angle of incidence is equal to the angle of reflection. Whenever light is reflected from a surface, it obeys this law.

A shadow is always the same shape as the object that casts it. This is because when an opaque object is in the path of light travelling from a light source, it will block the light rays that hit it, while the rest of the light can continue travelling.

Isaac Newton shone a light through a transparent prism, separating out light into the colours of the rainbow (red, orange, yellow, green, blue, indigo and violet) - the colours of the spectrum. All the colours together merge and make visible light.



Key Vocabulary	
Light	A form of energy that travels in a wave from a source.
Light source	An object that makes its own light.
Reflection	Reflection is when light bounces off a surface, changing the direction of a ray of light.
Incident ray	A ray of light that hits a surface.
Reflected ray	A ray of light that had bounced back after hitting a surface.
The Law of Reflection	The law states that the angle of the incident ray is equal to the angle of the reflected ray.

History

Maya Civilisation

The Maya civilisation were located in south-eastern Mexico and Northern Central America.

The Maya civilisation were made up of broad groups of native people who had existed for thousands of years before being challenged by the Spanish.

The Maya civilisation were very intelligent groups of people who used their vast knowledge of astronomy and mathematics to devise calendars and periods of time.

Their staple foods such as beans, tomatoes, avocados and maize were not only adopted by the Aztecs too, but went on to remain staple elements of the human diet.

Christopher Columbus travelled and 'discovered' many areas within America for the first time in 1492. The message of this rich land spread quickly within Europe.

Many of the Spanish thought Mayans were infidels with no morals or values. They thought they were above them in the social hierarchy.

The first attempt to conquer Maya by the Spanish was in 1511.



Art

Frida Kahlo

She was born in Coyoacán, Mexico. She suffered from polio which left her disabled.

She studied medicine and was going to become a doctor.

She was in a traffic accident at 18 which injured her, this motivated her to pursue art rather than medicine.

Fifty-five of her 143 paintings are self portraits.

She was heavily influenced by native Mexican culture, shown in bright colours and her use of symbolism.

Kahlo's work is often labelled as 'surrealist'.

