

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!

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

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

$$60 + 7$$

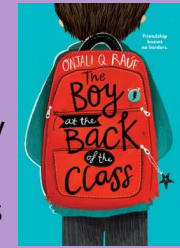
$$12 \times (5 + 7) = 144$$

$$12 \times 12$$



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

If the subject of a sentence is performing the action, then the sentence is written in active 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 teacher taught the children.

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.

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

PE

This half term we will be going swimming on Thursday afternoons. Come to school dressed in **school uniform**.

Remember to bring:

1. A bag large enough to contain all of your child's property which has to be left in the changing room.
2. A one piece swimming costume for girls, trunks or shorts no longer than 2 inches above the knee for boys, towel and swimming hat.

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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.

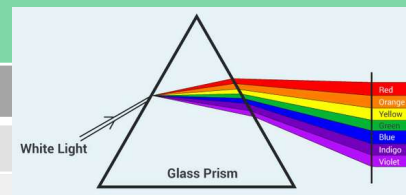
Light travels as a wave. But unlike waves of water or sound waves, it does not need a medium to travel through.

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

Battle of Britain

World War 2 was a battle between two groups of countries: the Allies and the Axis. The major Allied powers were Britain, France, Russia, China and the United States. The major Axis powers were Germany, Italy and Japan.

Adolf Hitler, together with the Nazi Party, wanted Germany to rule Europe.

1st September 1939 – German troops invaded Poland.

3rd September 1939 – Britain and France declared war on Germany – World War II had begun.

The Blitz is the name used for when Britain was attacked by air raids. This happened between 1940 and 1941.

The Germans surrendered on 8th May 1945. Japan surrendered in August of the same year. World War II had ended.



PSHE

Healthy Relationships

When a conflict gets out of hand, it can help to involve a trusted adult.

Sometimes people disagree because our brains process information differently from each other.

Peer pressure can be a positive thing when it helps motivate you to do your best, but peer pressure can cause someone to doubt themselves and lead to lower self-esteem.

Treating others with respect means treating them how you wish to be treated.