

YEAR 5 - TERM: PENTECOST 1

HISTORY: ANCIENT GREECE

YEAR 5 - TERM: PENTECOST 1

SCIENCE: MATERIALS

Subject Specific Vocabulary	
philosophy	Philosophy is a way of thinking about the world, the universe, and society.
Athenians	It is the birth place of democracy and the heart of the Ancient Greek civilization.
Spartans	The Spartans believed that strict discipline and a tough upbringing was the secret to making the best soldiers.
democracy	Democracy means allowing citizens to make their own decisions for their own personal lives
Olympics	The ancient Olympic Games were originally a festival, or celebration of and for Zeus
plague	The Plague of Athens was an epidemic that devastated the city-state of Athens.
truce	Is when two fighting sides declare peace or a break in the war.
Zeus	The supreme god of the Olympians, Zeus was the father of Perseus and Heracles.
Ioincloth	A single piece of cloth wrapped round the hips, typically worn by men in some hot countries as their only garment.
Apollo	Apollo is the god of music, truth and prophecy.
Sacred truce	A special truce called whilst the Olympics were taking place.
temple	A building devoted to the worship of a god or gods.

How many of the words in the box below can you find in the grid?

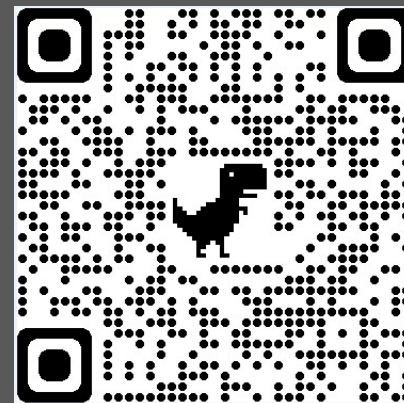
GREECE
POLIS
ATHENS
SPARTA
DEMOCRACY
HOPLITE

PHALANX
TRIREME
OLYMPIA
MARATHON
GODS
MYTHS

A 10x10 grid of letters for a word search. The letters are: Row 1: A P I P D M A R A T H O N H; Row 2: O O U H E F L T W X D E C O; Row 3: L L R A U W I P H J M S E P; Row 4: Y I T L Y V E G Q E R T Y L; Row 5: M S P A R T A T R Z N U H I; Row 6: P O A N T Y C I G O D S J T; Row 7: I Y Q X V I R E S K F A N E; Row 8: A T Y M A T F D G R E E C E; Row 9: F G I L B L N M Y T H S M O; Row 10: D E M O C R A C Y L H E O U



To find out more, see some interesting videos and access fun activities scan this QR code.



Reversible and Irreversible Changes Fact Sheet

PHYSICAL CHANGES

Changing state from solid to liquid to gas and back again is a reversible change.

Heating is the process of increasing the temperature. Cooling is the opposite process where temperature is decreased. We use a thermometer to measure temperature.

A wind turbine helps to generate electricity from renewable sources.

When chocolate is melted it can solidify again. The change is reversible.

Cooking eggs, by frying, boiling, scrambling, poaching etc., is always an irreversible change.

When oil, vinegar and egg yolks are mixed together, they make a precipitate called mayonnaise. This change is irreversible.

Dissolving sugar in water is a reversible change. When the water is evaporated it leaves the sugar behind.

When vitamin tablets effervesce (fizz) a gas is produced. This is an irreversible change.

Any reaction, such as burning, that causes new substances to be formed is called a **CHEMICAL CHANGE**. These changes are irreversible.

fuel + oxygen = flame

ash, smoke, heat

Coal, gas and oil are all fossil fuels. They non-renewable energy sources.

Subject Specific Vocabulary	
solubility	Is a chemical property referring to the ability for a given substance, the solute, to dissolve in a solvent.
conductivity	Conductivity defines a material's ability to conduct electricity.
transparency	In general, transparency is the quality of being easily seen through.
thermal evaporation	Something that is thermal is hot, retains heat, or has a warming effect. Evaporation is the process of a substance in a liquid state changing to a gaseous state due to an increase in temperature and/or pressure.
dissolve	To dissolve is defined as to become broken up or absorbed by something or to disappear into something else.
thermal	Something that is thermal is hot, retains heat, or has a warming effect

Sticky Knowledge about Reversible and Irreversible changes

- Irreversible changes, like burning, cannot be undone. Reversible changes, like melting and dissolving, can be changed back again.
- Mixtures can be separated out by methods like filtering and evaporating. A change is called irreversible if it cannot be changed back again.
- Examples of reversible changes. Melting: Melting is when solid converts into a liquid after heating. Example of melting is turning of ice into water. Freezing: Freezing is when a liquid converts into a solid.

YEAR 5 KNOWLEDGE MAP

MATHS



TIMES TABLE ROCKSTARS
 Don't forget to log in and practice your times tables as regularly as possible. Keep improving until you



Scan this QR for access lots of free online Year 5 Maths curriculum content.

Fractions, Decimals and Percentages...

	= 1	= 1	= 100%
	= 1/2	= 0.5	= 50%
	= 1/3	= 0.33	= 33.3%
	= 1/4	= 0.25	= 25%
	= 1/5	= 0.2	= 20%
	= 1/8	= 0.125	= 12.5%
	= 1/10	= 0.1	= 10%

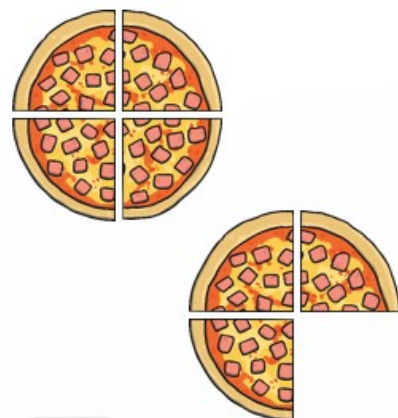
Improper Fractions

The numerator
 This shows us the number of pieces we have.

7

The denominator
 This shows us the number of parts we are dividing by.

4



An improper fraction is where the numerator is greater than or equal to the denominator. This happens because you have a whole or more than a whole.

DT

In Design & Technology, we will be designing and creating a cushion cover. We will be learning four different types of stitches.

PE

Please ensure you come to school wearing your full PE kit on Wednesdays and Fridays. This half-term we will be doing athletics and cricket.

P R A Y E R

Hail Holy Queen

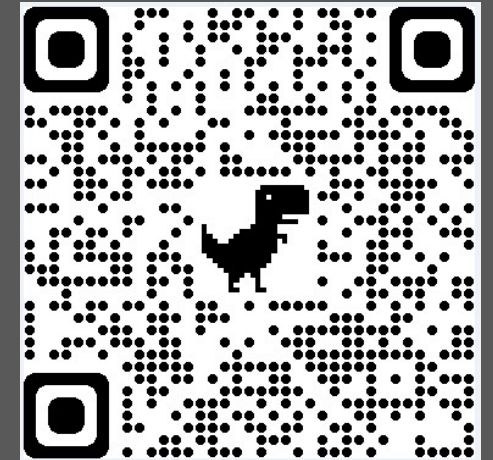
Hail, holy Queen, Mother of mercy, our life, our sweetness and our hope. To thee do we cry, poor banished children of Eve. To thee do we send up our sighs, mourning and weeping in this valley of tears. Turn, then, most gracious advocate, thine eyes of mercy toward us, and after this, our exile, show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

V. Pray for us, O holy Mother of God.
 R. That we may be made worthy of the promises of Christ.

READING



Log into Oxford owl using the QR code to the right and access lots of book band books, which you can read electronically. Keep reading regularly to be our Star Reader.



Our new class novel is called The Boy in the Tower. Research the author to find out more about her and what other books she has written. Scan the QR code to find out more about her and the books she has written.

