









# Knowledge Organiser Year 8



**Ambition, Respect, Excellence** 

# Your Knowledge Organiser

This is your home learning booklet, in your home learning booklet you will find a Knowledge Organiser for each subject that you are going to study. These are a summary of the most important pieces of information that you need to know. You will be expected to learn all this information and complete activities in your home learning exercise book.

#### **Contents**

Contents	2
Knowledge Organiser Timetable	3
How to Use your Knowledge Organiser	4
Knowledge Organiser Quiz	5
Look, Cover, Write, Check, Correct	6-7
Look, Cover, Mind Map, Check, Correct	8-9
Look, Cover, Transform, Check, Correct	10-11
English	12-14
Maths	15-18
Science	19-20
History	21-23
Geography	24-25
Ethics & Culture	26-27
French	28-29
PSHE	30-32
Music	33
Drama	34
Product Design	35
PE	36-37
ICT	38
Art	39-40
Catering	41
Graphics	42
Dance	43-44
Extra Challenge Tasks	45-47



# Knowledge Organiser Timetable

We expect you to complete one full page in your workbook as a minimum. You should spend around 20 minutes on home learning for each subject. Your teachers will check your Knowledge Organiser home learning during lessons, so make sure that you bring your books to school everyday. Your writing needs to be neat with home learning, title and date underlined with a ruler at the top of the page. If your teacher feels that any of these elements are not up to standard, they will enter you for a home learning support session. You will be rewarded house points for completion of homework and additional points will be awarded for exceptional home learning pages.

	WEEKA	WEEK B
MONDAY	ENGLISH PE	ENGLISH MUSIC
TUESDAY	ART DESIGN & TECHNOLOGY	FRENCH DESIGN & TECHNOLOGY
WEDNESDAY	MATHS DRAMA	MATHS ONLINE PSHE
THURSDAY	GEOGRAPHY ICT	HISTORY ETHICS & CULTURE
FRIDAY	DANCE SCIENCE	SCIENCE



# How To Use Your Knowledge Organiser For Homework

The Knowledge Organisers are designed to help you learn a wide range of knowledge which in turn will mean you are more prepared for your lessons as well as the new style GCSEs that you will sit in the future.

For homework you should use your knowledge organiser to complete one of our accepted strategies in your workbook you should either:

# - Write

# - Mind Map

# - Transform

Do not just copy into your workbook!

The first 12 pages contain some tips on how you can use your workbook.

Your teacher will check your workbook each week.

# Knowledge Organiser Quiz

Your teacher will quiz you on your Knowledge Organiser twice a term to check how well you are doing your homework. The 'Mark' box must be used to record your score from each quiz.

	ENGLISH	MATHS	SCIENCE	ART	HISTORY
QUIZ I					
QUIZ 2					
	FRENCH	ICT	PE	DANCE	GEOGRAPHY
QUIZ I					
QUIZ 2					
	PHSE	E&C	MUSIC	DESIGN & TE	CHNOLOGY
QUIZ I					
QUIZ 2					



# Look, Cover, Write, Check, Correct

**LOOK** through and read the information on a section of your Knowledge Organiser.





Then **COVEr** the section so you can no longer see the information.

**Write** everything you can remember, including any diagrams/drawings or tables





Check and correct your work using green pen.

**Repeat** until you have got everything correct.





# Look, Cover, Write, Check, Correct

### **Examples:**

Write down as much information as you can remember from your Knowledge Organiser subject page. Mark all the information you got right and correct any mistakes/add in detail where you missed it.

Rembering Key information

Replex are means a quick respons Replex are mean an involuntry no response.

Antibiotics means a medicine that prevent the microogams but doe

help any viruses V

A placeled helps the clotting and into a scab making a Clothscab. cholestrol is a fatty substant is 1920add for your body to uprobably defintly needed.

A ligament is a that joins a

purple pen improvent I used the Look, cover, write, check, correct.

The nervous system is inside your body and is in most parts of your body but your &

Homework Support

Drugs are Chemical substances that affect the way

They are additional recreactional. X medicinal. They can be painkillers, stimulants, halluciongers and depressants.

Receptors are found in sense organs. V Effectors are muscles or glands and covery out a response · V

Blood is made up of plasma Chiquid, Red blood Cells and white blood cells (carry axegen)

(fight infection).

and platelets.

There are 3 main types of patheogen fungi, Viruses and bacteria

There are Several lines of defence against patheogens - primary defences: skin, stomach acid, nosal hairs. I mucus and secondary defences: the immune system.

rein-carrier blood to the heart at low pressure. They have thin walls and valves to Stop \* blood: \* backflow of ~

Artery Carries blood From the heart at a high pressure Have thick elastic walls. Capillary - Link afters and veins. Carry blood to tissue and remover waste.



# Look, Cover, Mind Map, Check, Correct

**Look** through and read the information on a section of your Knowledge Organiser then **COVEr** it up.





Then come up with a **title** for the section and put a bubble or star around your word

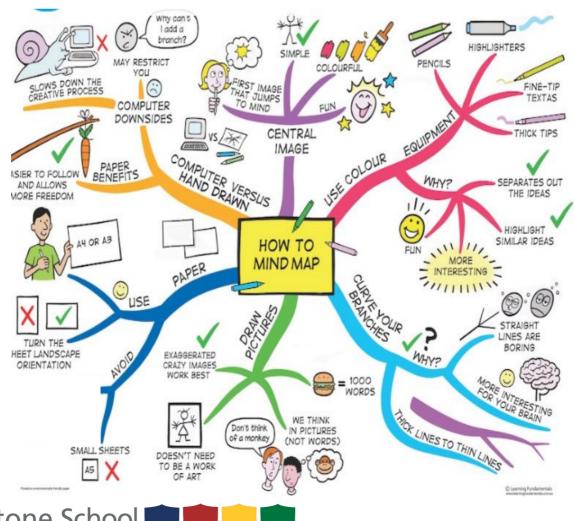
**Write** everything you can remember, including any diagrams/ drawings or tables.





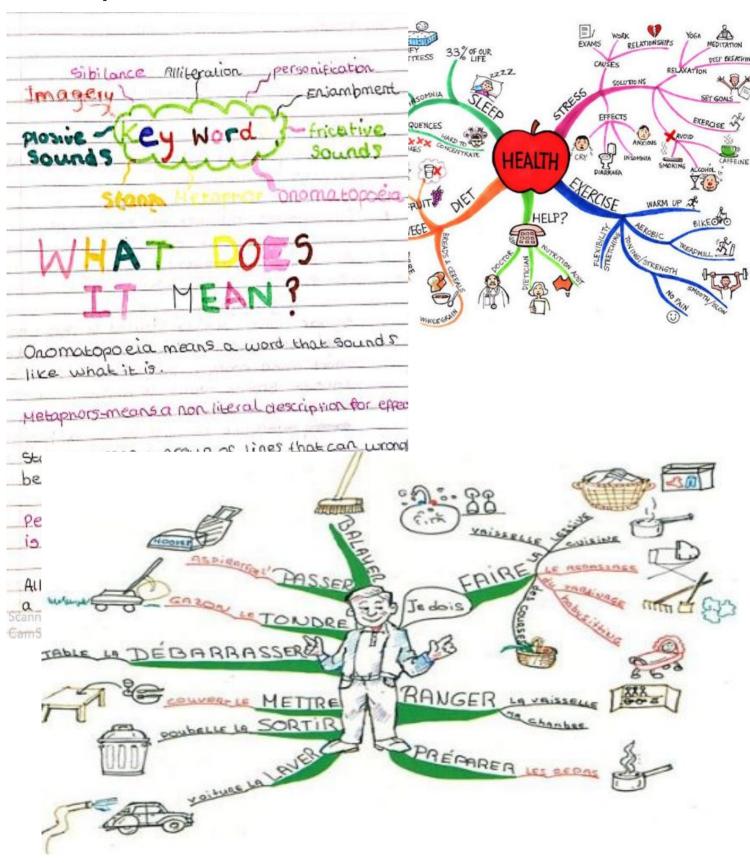
Check and correct your work using green pen.

**Repeat** until you have got everything correct.



# Look, Cover, Mind Map, Check, Correct

### **Examples:**



# Look, Cover, Transform Check, Correct

LOOK through and read the information on a section of your



knowledge organiser then **COVE** it up

Then **transform** the section, you can transform the information into one of the below:

- A selection of keywords
- Spellings you have to learn
- Song/poem to help you remember
- Key facts from the sheet
- Transform the descriptions into pictures/comic strip
- Transform it into revision card boxes
- Piece of extended writing based on the information.

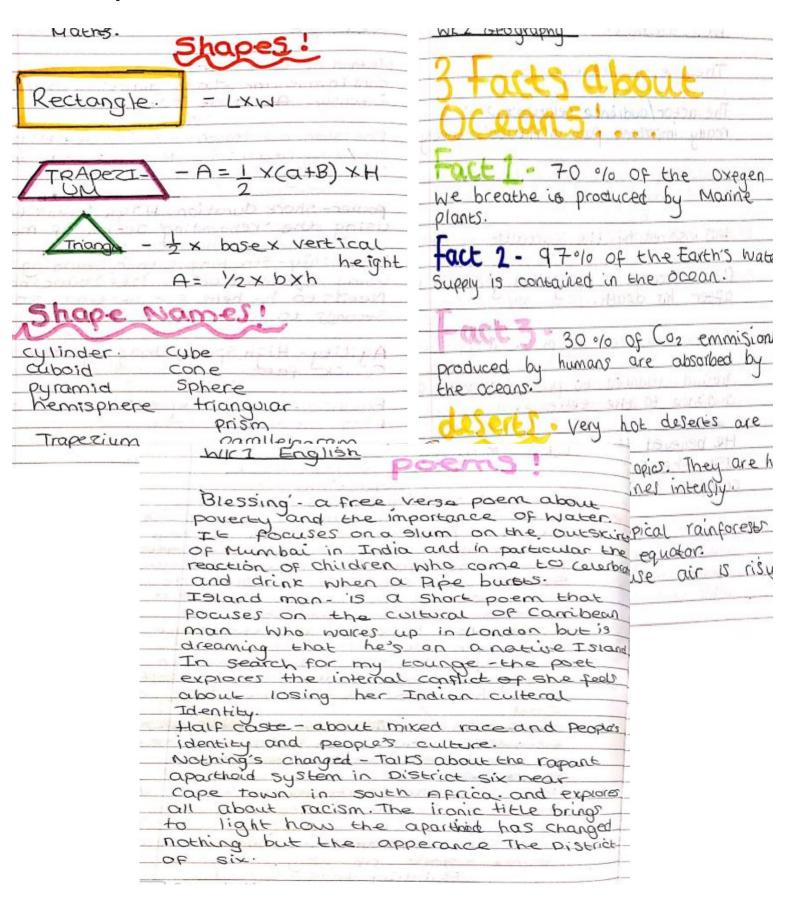


Check and correct your work using green pen.



# Look, Cover, Transform, Check, Correct

### Example:



# **READING:** Gothic Fiction

### Tier 2 Vocabulary

- 1. **Melancholy**: a feeling of pensive sadness, typically with no obvious cause. Noun and adjective.
- 2. **Foreboding**: a feeling that something bad will happen; fearful apprehension. Noun. Implying that something bad is going to happen. Adjective.
- 3. **Wretched**: (of a person) in a very unhappy or unfortunate state/ of poor quality; very bad/ used to express anger or annoyance. Adjective.
- 4. **Malice:** the desire to harm someone; ill will. Noun.
- 5. **Grotesque:** comically or repulsively ugly or distorted. Strange and unpleasant, especially in a silly or slightly frightening way. Adjective.
- 6. **Uncanny:** strange or mysterious, especially in an unsettling way. Adjective.
- 7. **Sombre**: dark or dull in colour or tone. Having or conveying a feeling of deep seriousness and sadness. Adjective.
- 8. **Sinister**: giving the impression that something harmful or evil is happening or will happen. Adjective.

#### **Gothic Conventions**

- I. One of the things that the gothic does is create terror. It can also create less strong feelings of discomfort and fear.
- 2. Old or abandoned settings.
- 3. Terrifying villains including vampires, madmen, ghosts.
- 4. Innocent, weak victims
- 5. Doubt about whether things are real.
- 6. Madness and bad dreams
- 7. Creepy and spooky atmospheres
- 8. An inability to escape the past
- 9. Can include the supernatural, or things which seem supernatural.

# **READING:** Gothic Fiction

#### **Technical Terminology**

**Gothic**: is a genre of writing (and theatre, and film...) One of the things that the gothic does is create terror. It can also create less strong feelings of discomfort and fear.

**Enlightenment**: A period in the 1800s known as the 'age of reason'.

Enlightenment emphasised reason, analysis, and individualism. Rather than following religious teachings, enlightenment thinkers turned to scientific study.

**Genre**: comes from the French word which means type. A genre is a category of literature identified by form, content, and style.

**Conventions:** are the defining characteristics, or must-haves, of a given genre.

**Method**: Something the writer does with words or structure in their story.

**Effect**: The things that a method makes us think of or feel.

Context: the circumstances that form the setting for an event, statement or idea.

**Reference**: Giving an example from the text. Could be a quote or pointing to a specific moment.

**Quotation:** A word or phrase from the text labelled in quote marks.

**Inference**: What is shown or suggested by specific words. **Language:** The words or techniques used by the writer.

Ideas: The points made by the writer.

**Analysis:** a detailed examination of the smaller parts of a text (such as the words used) considering possible meanings and effects.

**Villain**: A character who has evil plans, or does evil things, which affect other characters.

**Archetype**: A typical example of something.

**Madman**: A character who has lost his mind. This isn't a word you would use about a real person.

**Perspective**: This means 'point of view'. If someone tells you a story, they are telling it from their perspective.

Noun: A word which names a thing, person or feeling (table, James, love.)

**Verb**: A doing, being or having word (run, be, have.)

Adjective: A word which describes a noun (yellow, big.)

Adverb: A word which describes how a verb is completed (quickly, often.)

**Simile**: when you compare two things using 'as' or 'like'.

**Metaphor**: when you say something is something else.

**Personification**: when you give an animal or object qualities or abilities that only a human can have.

Pathetic Fallacy: Using the setting and weather to reflect characters' feelings.

# **READING:** Gothic Fiction

### **Key Concept: Fear**

Fear is a natural and primitive emotion that can be experienced by everyone to some degree. It alerts us to the presence of dangers, whether they be real dangers or imagined.

People may experience fear when in situations such as walking home alone at night, when faced with animals they perceive as dangerous, or when about to skydive out of a plane.

Fear can also be attributed to feelings of stress and anxiety. It may also contribute to some feelings of disgust, as according to a study investigating those who feared or did not fear snakes, those who experienced this fear reported high feelings of disgust as well as fear.

Fear is a normal response to many situations and is composed of two primary reactions: biochemical and emotional reactions.

- The biochemical reaction to fear causes our bodies to respond to perceived threats in the environment. This produces automatic physical reactions such as sweating, increased heart rate, and dilated pupils. The purpose of these bodily reactions is to prepare the body to either combat the threat or to run away from it - this is called the 'fight or flight' response.
- The emotional response to fear, however, is personalized to the individual. Since the biology of fear involves some of the same chemical responses to positive emotions such as excitement and happiness, people can experience either positive or negative emotions to fear. For instance, some people may find enjoyment in riding extreme roller coasters whilst others may have a negative reaction and will avoid these at all costs.

# **Online Maths Work**

You can access your online maths support/homework through www.mymaths.co.uk

Maths homework is set on this once a fortnight. You can try the tasks more than once and should aim to continue until you get at least 'amber' in each set homework. Once complete, you need to record your score and your parents should sign to say they have seen the work.

The school login for mymaths is:

School Log-in: whitstonesecondary

Password: fraction280

Students will also be given their own unique login from their Maths teacher. This can be written here so you don't forget it:

Username: Password:

	Topic Practised	Score/ RAG	Signed by parent / carer
ı			
2			
3			
4			
5			
6			
7			
EXTRA			



# Week A Knowledge Organiser

# **Week B Mymaths Teacher Set Task**

@whisto maths

# Brackets, Equations & Inequalities

# What do I need to be able to do?

#### By the end of this unit you should be able to:

- Form Expressions
- Expand and factorise single brackets
- Form and solve equations
- · Solve equations with brackets
- Represent inequalities
- Form and solve inequalities

### Keywords

Simplifu: grouping and combining similar terms

Substitute: replace a variable with a numerical value

Equivalent: something of equal value

Coefficient: a number used to multiply a variable

Product: multiply terms

Highest Common Factor (HCF): the biggest factor (or number that multiplies to give a term)

Inequality: an inequality compares who values showing if one is greater than, less than or

equal to another



Less than/difference — SUBTRACT

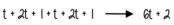
eg 4 more than t t + 4 8 less than k k - 8

Only similar terms can be grouped together

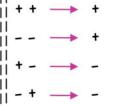


eg Find the perimeter of this shape (Perimeter = length around outside of shape)

2t + I



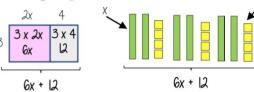
## Directed numbers



e.g. a = -5 and b = 2

 $a^{2} = a \times a = -5 \times -5 = 2$ 

# Multiply single brackets 3(2x + 4)





Different representations of 3(2x+4) = 6x + 12

# Factorise into a single bracket 8x + 4



The two values  ${\it multiply}$  together (also the area) of the rectangle

 $8x + 4 \equiv 4(2x + 1)$ 

Note:  $8x + 4 \equiv 2(4x + 2)$ This is factorised but the

HCF has not been used

i! ×

Solve equations with brackets

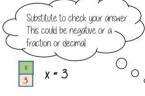
3(2x+4)=30

Expand the brackets

3(2x + 4) = 30

6x + 12 = 30 - 12 - 13

6x = 18



### Simple Inequalities

< less than

 $\leq$  Less than or

equal to

eaual to

> More than

≥ More than or

x < 10
Say this out loud
"x is a value less than 10"

x< 10 and 10>x represent the same values 10 > x Say this out loud "10 is more than the value"

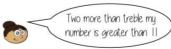
x + 2 < 20

"my value + 2 is less than or equal to 20"

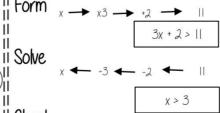
 $x \leq 18$ 

The biggest the value can be is 18

## Form and solve inequalities



Find the possible range of values



#### Check

This would suggest any value bigger than 3 satisfies the statement

 $3 \times 3 + 2 = 11 \checkmark 10 \times 3 + 2 = 32 \checkmark$ 

# <u> Olgebraic constructs</u>

#### Expression

a sentence with a minimum of two numbers and one maths operation

#### Equation

0 statement that two things are equal

#### Term

a single number or variable

#### Identity

I On equation where both sides have variables ! that cause the same answer includes ≡

#### Formula

Orule written with all mathematical symbols

1 eg area of a rectangle O = b x h

# Week A **Knowledge Organiser**

# Week B Mymaths **Teacher Set Task**

@whisto maths

# Sequences

# What do I need to be able

#### to do?

Bu the end of this unit you should be able to:

- Generate a sequence from term to term or position to term rules
- Recognise arithmetic sequences and find the nth term
- Recognise geometric sequences and other sequences that arise

#### Keuwords

Sequence: items or numbers put in a pre-decided order

Term: a single number or variable

Position: the place something is located

**Linear**: the difference between terms increases or decreases (+ or -) by a constant value each time

Non-linear: the difference between terms increases or decreases in different amounts, or by x or ÷

Difference: the gap between two terms

**Orithmetic:** a sequence where the difference between the terms is constant

Geometric: a sequence where each term is found by multiplying the previous one by a fixed non zero

### Linear and Non Linear Seauences

Linear Sequences — increase by addition or subtraction and the same amount each time Non-inear Sequences — do not increase by a constant amount — quadratic, geometric

- Do not plot as straight lines when modelled graphically
- The differences between terms can be found by addition, subtraction, multiplication or

Fibonacci Sequence — look out for this type of sequence

3

Each term is the sum of the previous two terms



#### Sequences from algebraic rules This is substitution!



This will be linear - note the single power of n. The values increase at a constant rate

This is not linear as there is a

2n - 5 -

Substitute the number of the term you are looking for in place of 'n'

pt term = 2 (1) - 5 = -3

2nd term = 2 (2) - 5 = -1  $100^{th}$  term = 2 (100) - 5 = 195

#### Checking for a term in a sequence Form an equation

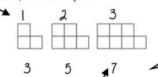
is 201 in the sequence 3n - 47

3n - 4 = 201

Solving this will find the position of the term in the sequence. I ONLY an integer solution can be in the sequence.

# Sequence in a table and araphically

Position: the place in the sequence



The term in position 3 has 7 squares"

Term: the number or variable (the number of squares in each image)

In a table

Position	1	2	3
Term	3	5	7

Graphically

Because the terms increase by the same addition each time this is linear - as seen in the graph

### Complex algebraic rules

Misconceptions and comparisons



2 tijmes whatever n squared is

2 times in their square the answer

st term = 2 x 12 = 2

2st term = 2 x 22 = 8  $100^{th}$  term =  $2 \times 100^2 = 2000$ 

st term = (2 x 1)2 = 4 2st term = (2 x 2 )2 = 16  $100^{th}$  term =  $(2 \times 100)^2 = 40000$ 

 $(2n)^{2}$ 

2st term = 2 (2 + 5) = 14

You don't need to expand the  $100^{th}$  term = 100 (100 + 5) = 10500

## Finding the algebraic rule

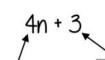
This is the 4 \_ ◆ 4. 8. 12. 16. 20....

4n

7. II. 15. 19. 22 **◆** 

This has the same constant difference – but is 3 more than the original sequence

4n + 3



This is the constant difference between the terms in the sequence

This is the comparison (difference) between the original and new sequence

# **Week A Knowledge Organiser**

# Week B Mymaths Teacher Set Task

Indices

# @whisto\_maths

# What do I need to be able to do?

By the end of this unit you should be able to:

- Odd/ Subtract expressions with indices
- Multiply expressions with indices
- · Divide expressions with indices
- · Know the addition law for indices
- Know the subtraction law for indices

#### Keywords

Base: The number that gets multiplied by a power

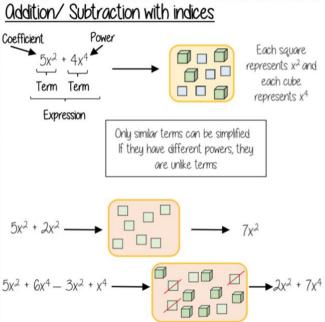
**Power**: The exponent — or the number that tells you how many times to use the number in multiplication **Exponent**: The power — or the number that tells you how many times to use the number in multiplication

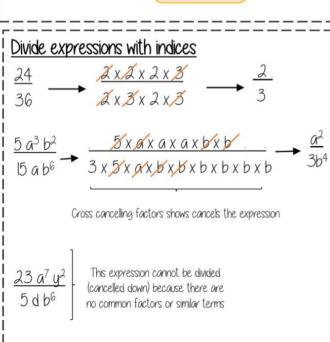
Indices: The power or the exponent

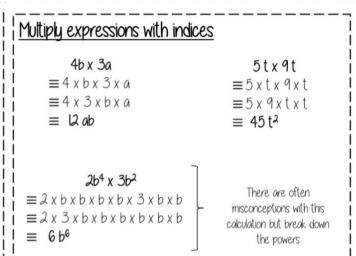
Coefficient: The number used to multiply a variable

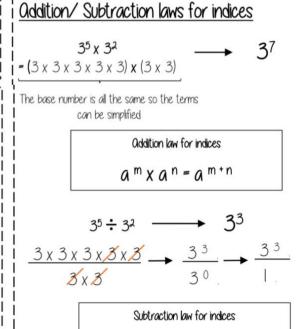
Simplify: To reduce a power to its lowest term

Product: Multiply









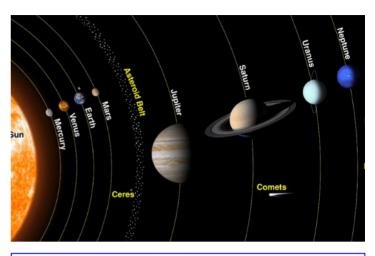
 $a^m \div a^n = a^{m-n}$ 

# **Space**

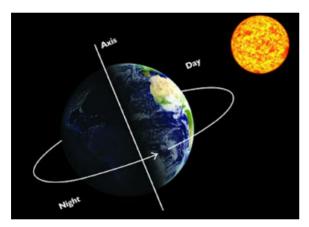
The night sky can many objects. Most of the dots we see are stars - some of which may not be there now. Most of them are from our <code>galaxy</code> - the <code>Milky Way</code>. A galaxy is a collection of stars. We can also soo planets in the night sky. There are 5 that can be seen with the naked eye: Mercury, Venus, Mars, Jupiter, and Saturn. Satellites can also be seen in the sky. Our <code>Moon</code> is a <code>natural satellite</code> as it orbits the Earth. The International Space station (ISS) is an <code>artificial satellite</code>. We may also see comets (made of ice) and <code>meteors</code> (made of rock) in our sky.

Our solar system contains 8 planets:

Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. The first four planets are known as the **terrestrial planets**, and have a surface made of rock. An **asteroid belt** separates these terrestrial planets from the **Gas giants** - the other four planets. These Gas giants are made of gases such as hydrogen and helium.



Venus is the hottest planet, Jupiter is the largest planet, and Neptune is the coldest planet as it is the furthest from the Sun.

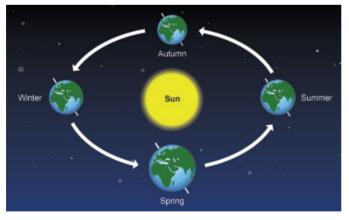


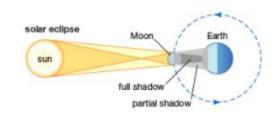
The Earth spins on its **axis** as it orbits the Sun. This spin takes 24 hours to complete. This creates day and night as different parts of the Earth face the Sun during the spin.

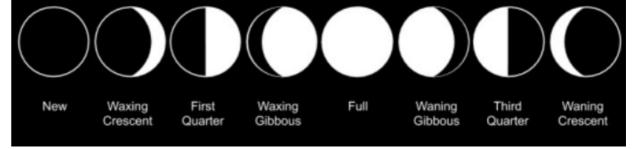
A year is 365.25 days on Earth.This is the time it takes to orbit once around the Sun. Every four years, there is an extra day (a leap year) to cancel out the four quarters.

The seasons on Earth are due to its tilt. This means different parts of the Earth are facing towards or away from the Sun at different times as it orbits the Sun.

The Moon takes 28 days to orbit the Earth. As it does this, the Moon can be seen as different shapes called **phases**. There are 8 phases of the Moon. The Moon can also cause **solar eclipses** as it orbits the Earth.







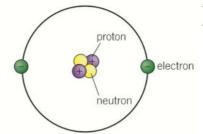
Everything is made up of particles called atoms. Atoms in turn are made up of subatomic particles.

- Protons positive charge (+)
- Electrons negative charge (-)
- Neutrons which have no charge.

#### What is current?

When you complete a circuit, charged particles move in the metal wires.

The current is the amount of charge flowing per second.





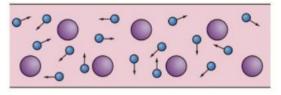
#### How do you measure current?

You can measure current with an ammeter

- Current is measured in amps
- The symbol for current is A.



There are two types of electric charge positive charge (+) and negative charge (-). Positive charges repel positive charges Negative charges repel negative charges Positive charges attract negative charges.

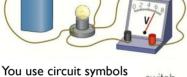


Where do the charges come from? The battery does not produce the charges, they were already there in the wire. The battery pushes the charges around the circuit. The blue dots are the charges (electrons) which move around the circuit when connected to a battery.

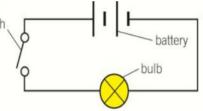
# **Electricity**

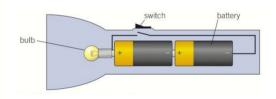
#### What is potential difference (p.d)?

The potential difference across a cell tells you the size of the force on the charges. You can measure p.d. Using a voltmeter and is measured in volts (V). You can measure the p.d. Of a cell by connecting a voltmeter across it.



You use circuit symbols when drawing a circuit. A simple one is found to the right.

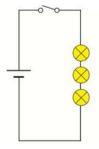




Series and parallel circuits - there are two types of circuit. The series circuit where all components are connected in series with one another, and a parallel circuit where there is more than one loop or branch.

Parallel circuit

#### **S**eries circuit



<u>Current</u> - series circuits contain only one loop, and the current is the same everywhere. Parallel circuits contain more than one loop and the currents in all the loops add up to make the total current. <u>Potential difference (p.d.)</u> - in a series circuit the p.d. across each component adds up to the p.d. across the battery. In a parallel circuit the p.d across each component is the same as the p.d.

across the battery.

**Resistance** - each circuit component has a different resistance. This tells you how easy or difficult it is for the charges to pass through the component. Resistance is measured in ohms  $(\Omega)$ . You can calculate resistance using this equation.

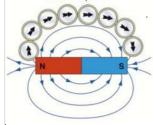
Resistance ( $\Omega$ ) = potential difference (V) Current (A)



Electromagnets - A current flowing in a coil of wire wrapped around a magnet material is an electromagnet. It behaves like a bar magnet but you can turn it off. To increase the strength of an electromagnet you

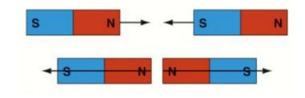
- Increase number of turns
- Increase current
- Use an iron core

Magnets have a north and a south pole. Like poles repel and unlike poles attract.



#### Magnets and magnetic fields

Magnetic materials feel a force in the region around a magnet called a magnetic field. Magnetic field lines show the pattern of the magnetic field.



The Gunpowder Plot was one of the most famous attempts to kill a king in British history. A group of men, including one named Guy Fawkes, planned to blow up the Houses of Parliament. They were caught before they could carry out the plot, however. Every year on the anniversary of the plot, people in the United Kingdom celebrate the fact that the plot failed. The celebrations include bonfires and fireworks.

The men plotted to kill not only the king but also the queen, their son Prince Charles, and every member of the government during the state opening of Parliament on November 5, 1605. The leader of the group was a man called Robert Catesby. Cellars beneath the Houses of Parliament were rented out as storage spaces to people such as coal merchants, and the gang leased one of these cellars. They gradually moved in 36 barrels of gunpowder and hid them there. It was enough gunpowder to blow up hundreds of people.

The men who planned the Gunpowder Plot were Roman Catholics who were unhappy with the way they were being treated. James I, the first of the Stuart kings of England, came to the throne in 1603. At the time, there were many conflicts between Protestants and Roman Catholics. lames succeeded Elizabeth I, a Protestant, who did not allow Catholics to practice their religion as they wished. Roman Catholics in England expected lames to treat them well because his mother was a Catholic, Instead, he ordered all Catholic priests to leave England. The men were furious that their hopes of religious tolerance had been dashed.



The night before the opening of Parliament, soldiers caught Guy Fawkes in the cellar. They arrested him and took him to the Tower of London. After three days of torture, Fawkes told his captors the names of his fellow plotters. They were all arrested for treason—plotting against the king and the country—and were imprisoned in the Tower.

On January 30–31, 1606, the whole gang was executed as hundreds of people watched. Afterward their heads were cut off and displayed on poles throughout London, to warn others what would happen to them if they plotted against the king. In celebration of his survival, James ordered that the people of England should have a great bonfire on the night of November 5, which is now known as Guy Fawkes Day.

# Guy Fawkes and the Gunpowder Plot

#### Witches and the Kings and Queens of England.

Many of England's royalty had strong feelings about witches and the dangers they posed to people around them. This timeline shows some of the laws they introduced and why.

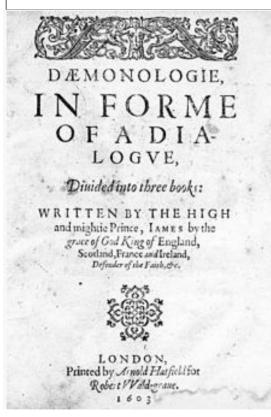


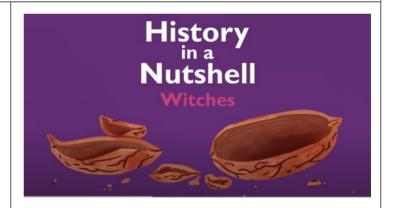
**Henry VIII** was the first monarch to decide that witchcraft was a punishable by death.

**Edward VI** repealed (got rid of) the act (or law) that his father had put in place, because he believed witches did not exist and were superstitious nonsense.

**Elizabeth I** introduced her own Witchcraft Act in 1563. It had two key points; I.Witches who had caused actual harm would suffer the death penalty, and 2.Witches who had committed lesser offences would face time in prison.

**James I** changed the Witchcraft Act so that the death penalty was given to anyone found to be 'invoking evil spirits or communing with familiar spirits'.





### Watch this clip on YouTube

(https://www.youtube.com/watch?v=ni6JiydG2w w&app=desktop) to help you understand why people have been afraid of witches throughout history.

Title page of a copy of James' book *Daemonologie*, republished in 1603.

# Witches

#### **Key Words:**

Civil War - a war between people from the same country

Crime - something against the law

**Daemonologie** - a book written by King James VI of Scotland (later James I of England)

**Devil** - the spirit of evil (Satan)

Familiar - an animal looked after by a witch who helped them with their magic

Famine - not enough food grown

Justice of the Peace - trained officials who made sure everyone in their area obeyed the law

Misogyny - a hatred of women

Motive - the reason for doing something

Pact - a formal agreement

Parliament - the group of people who make laws for a country

Puritan - strict Protestants who wanted religion and worship to be simple and strict

**Scapegoat** - someone who is blamed for something that isn't their fault, usually because they are easy to accuse.

Trial - deciding whether or not someone is guilty, using evidence

**Wise woman** - a woman who knows about herbal remedies, healing magic or other traditional customs.

**Witch** - a person who is believed to have magical powers and uses them to harm other people or for evil.

Witchcraft - using supernatural powers to control people or events.





#### Source Analysis: Top Tips

Start with the main three questions:

- 1. What can I see?
- 2. What can I infer?
- 3. What **questions** do I have?

Then, think about how the source matches to your own knowledge

- What matches your knowledge?
- What is different or unfamiliar?

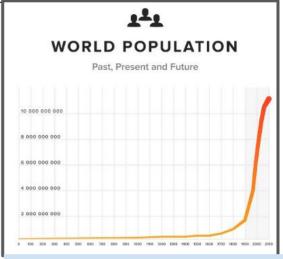
Next, examine **why** the source was made, **who** by and **what** it might mean.

• What is the source's message?

# Witches

# **Population and Urbanisation**

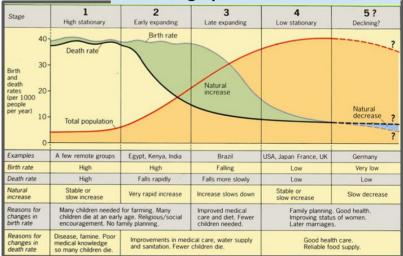
Population	The number of people living in a particular place
Population Distribution	The pattern where people live and how populations are spread out.
Birth Rate	The number of births per 1,000 of the country's population each year.
Death Rate	The number of deaths per 1,000 of the country's population each year.
Natural Increase/Decrease	The difference between the birth rate and death rate.
Underpopulated	When a country doesn't have enough people to make use of the resources and technology available.
Overpopulated	When a country has too many people and not enough resources to maintain a reasonable standard of living.



# Why does population change unevenly around the world?

Settlements have built up in areas with natural resources that can support a population, such as water, soil, the ability to grow food and job opportunities. Areas that are often sparsely populated tend to have fewer resources and be harder to live in, such as mountainous areas, deserts or isolated places.

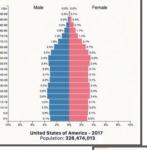
#### **Demographic Transition Model**

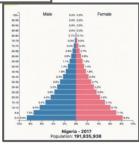


# China's One Child Policy

- •In 1970 China's population exceeded 800 million, the world's largest population was growing too quickly.
- •In 1979 the government introduced the one child policy. Couples were offered incentives free education, better pensions, free child care and family benefits for one child.
- •Problems with the policy: high rate of abortion and forced female sterilisations.
- •The policy reduced the population by 400 million.
- •In 2014, the policy was abandoned to balance population development and address the challenges of an aging population.

#### **Population Pyramids**

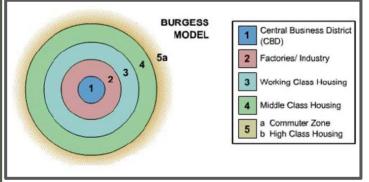




Population pyramids are used to analyse the structure of populations. They show the age and gender distribution of a given population. The shape of the pyramid depends both on the number of people in each age group and the proportion of males to females.

# **Population and Urbanisation**

Migrant	Someone that moves from one place to another, with the intention of living temporarily or permanently in the new location.
Immigrant	Someone who moves permanently in a different country.
Voluntary Migrant	Someone who chooses to move to a different location.
Forced Migrant	Someone who has no choice but to move to a new location.
Refugee	A person who has been forced to leave their country in order to escape war, persecution or natural disaster.
Push Factor	Something that drives someone away from a certain place.
Pull Factor	Something that attracts someone to a certain place.
Urbanisation	The increase in the proportion of people living in urban areas.
Rural-Urban Migration	The movement of people from the countryside (rural) to towns and cities (urban) within a country.



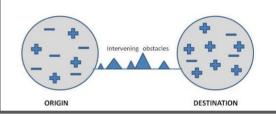
- I Central Business District (CBD). Inner area, no regular street pattern, high density buildings. Now centre for shops and offices.
- **2 Inner City.** Rectangular grids of streets. Often high density, terraced housing. Built near to factories for workers.
- **3 Inner Suburbs.** Housing estates often filling gaps between main roads, widely spaced. Often semi-detached housing.
- **4 Outer Suburbs.** Modern estate, curved roads, cul-de-sacs, widely spaced. Often detached housing.

#### **Rural-Urban Migration**

The reasons for rural-urban migration are:

- People moving into cities to find work
- Farming systems in rural areas changed to allow people to leave the group cooperative
- Newly industrialised areas needed workers
- There was a belief that standard of living is better in cities.

#### Lee's Push-Pull Theory



# How did Urbanisation Change Bristol?

In the past Bristol docks was an important industrial area with shipbuilding and warehouses right in the centre of the city. Over time the docks became outdated and too small for big container ships. This led to the decline of the area around the docks.

During recent years the dockland area has undergone a big transformation. It is now known as **Bristol** 

**Harbourside** and contains many new functions. This is an example of **regeneration**.

Bristol Harbourside today contains:

- Expensive loft apartments and waterside housing
- Bars and restaurants
- Hotels
- Public squares and artwork
- Exhibition centres and museums
- Leisure functions e.g. sailing and a caravan park.

# Evil and Suffering Year 8

Good Characteristics/acts/things that are

considered to be morally right. Eg. Kindness

**Evil** Characteristics/acts/things that are

considered immoral, wicked or wrong.

Forgiveness To pardon a wrongdoing, to give up the

desire to seek revenge.

Free Will The beliefs that people can make their own

decisions and choices, nothing is

predetermined.

Justice Fairness, when everyone is equal and has

equal provisions and opportunities. Eg. A fair

punishment.

**Morality** Principles, values that determine which

actions are right or wrong.

Punishment A penalty given to someone for a crime or

wrong they have done. Eg. Prison.

Sin An act against God, an immoral action

breaking a religious or moral law. Eg. Murder

**Suffering** Pain or distress caused by injury, illness or

loss. Can be physical, emotional,

psychological.



**Moral Evil -** Suffering and Evil caused by Humans behaving in a way which is morally wrong

Natural Evil - Suffering and Evil caused by natural events such as tornadoes, floods and earthquakes. These cannot be affected by human action



#### Nature Vs Nurture

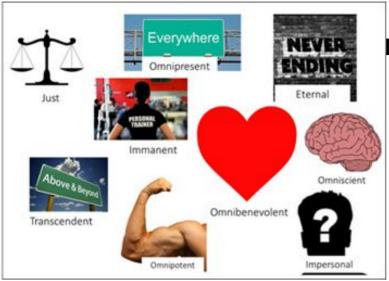
The question is why are we the way we are? Are people born evil? Some people believe it is nature – that human behaviour is something to do with our biology. Others argue that it is how we are raised, our environment and upbringing.

Arguments for Nature: Humans have the same basic genes, makes sense that all humans would behave in a way. Some people commit evil who have had wonderful childhoods – what else could explain this?

Arguments for Nurture: If it was nature, people from all over the world would act the same? People not raised by people do not instinctively act like humans. Often people who commit evil have had trauma in their early lives – shows impact of upbringing. If it was nature then human behaviour would not have changed over history – it has changed vastly.



# Evil and Suffering Year 8





Most religious believers, particularly Christians believe that God is all-loving, all-powerful, all-knowing and everywhere. This can pose a problem, why would a God so spectacular allow his creations to suffer. This problem is

The Problem of Evil

known as:

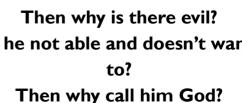
What do atheists argue about evil?

Atheists do not believe that God causes suffering; they believe evil is proof that God doesn't exist. They say that no loving God would let his creations struggle through pain.

They argue that if God was truly omnibenevolent, omnipotent, omniscient or omnipresent that God would prevent evil. If not then God would be evil.

IS God wanting to stop evil, but can't?

Then he is not all-powerful. Can he, but doesn't want to? Then he is not all-loving. Can he and does he want to? Then why is there evil? Is he not able and doesn't want to?



#### les matières

l'anglais – English
le français –French
Le dessin – art
Les maths – maths
Les sciences – science
La musique – music
L'informatique – ICT
Le théâtre – drama
La technologie – DT
La géo(graphie) – Geography
L'histoire – history
Le sport / l'EPS – PE
L'éducation religieuse - RE

### Ton opinion



Tu aimes....? – Do you like...?

J'aime... – I like

J'adore... – I love

Je n'aime pas... – I don't like

Je déteste... – I hate

Quelle est ta matière préférée? What is your favourite subject?

Ma matière préférée c'est.... My favourite subject is...



### qu'est-ce que tu fais?

je fais – I do on fait – one does/ we do

### Pourquoi?

parce que /car – because mais - but C'est... It is....

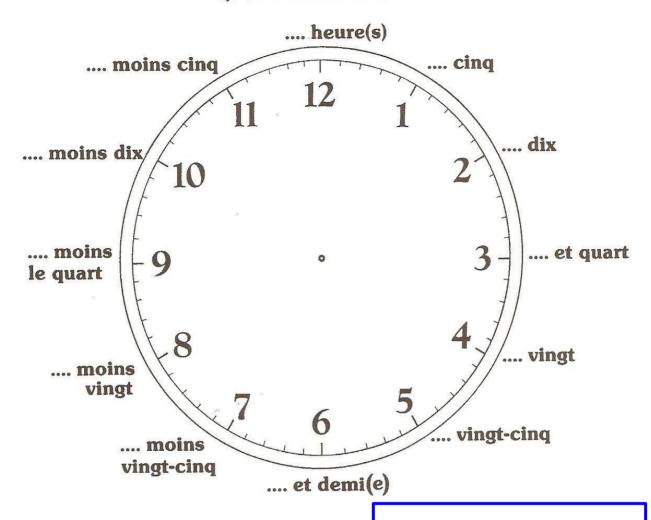
amusant – fun difficile – difficult facile – easy intéressant – interesting ennuyeux - boring nul – rubbish utile – useful bof! – blah! (indifferent)

je porte ... I wear on porte – one/we wear



une veste – a blazer un pull – a jumper un pantalon – trousers une cravate – a tie une jupe – a skirt un collant – tights une chemise – a shirt des chausettes – socks un chemisier – a blouse des chaussures - shoes

# Quelle heure est-il?



Le collège commence à.. – school begins at... le collège finit à... - school finishes at.. La récréation est à... - breaktime is at... le déjeuner est à... - lunch is at .....

Le lundi – Monday Le mardi – Tuesday Le mercredi – Wednesday jeudi – Thursday vendredi – Friday

puis - then

après - after

le me reveille – I wake up Je me lève – I get up le me lave – I wash myself le me douche – I shower Je m'habille – I get dressed le me brosse les dents – I brush my teeth le prends le petit déjeuner – l have breakfast le vais au collège – I go to school Je dine – I have dinner le fais mes devoirs – I do my homework le lis – I read Je regarde la télé – I watch tv le me couche – I go to bed

### Define: Contraception

Methods that are used to prevent pregnancy from occuring during sexual activity.

#### Define: Hormonal methods

Contraceptive methods which use hormones to prevent pregnancy, usually used by women only.

#### Define: Barrier methods

Contraceptive methods which prevent pregnancy by stopping the sperm from reaching the egg.

#### Define: Sexually transmitted infections (STIs)

Sexually Transmitted Infections are infections that are passed on mainly through sexual contact both vaginally, anally or orally.

#### Sexually transmitted infections (STIs)

Some STIs can be treated using antibiotics - Chlamydia (bacterial infection), Gonorrhoea (bacterial infection), Syphilis (bacterial infection).

Others including genital warts, genital herpes and hepatitis B can have the symptoms treated but will not cure the infection.

Pubic lice can be treated with cream.

HIV has no immunisation although disease can be managed.

#### Be safe and be informed

#### Define: Sexual consent

The giving of permission by a person to engage in any form of sexual activity including penetrative and oral sex. A person under 18 is a minor and legally a child.

Consent is freely given and you can change your mind. You do not need to do anything you feel uncomfortable with. Sexual consent can not legally be given if you are under 16

### Where can you get help and support

- Parent or trusted family member.
- GP or practise nurse or school nursing team
- NHS online or other websites including www.brook.co.uk
- School staff/safeguarding team

Relationships / sex education - sexual health and safe sex

#### **Define: Alcohol**

While some drinks have more alcohol than others, the type of alcohol in all alcoholic drinks is the same – it's a type of alcohol called ethanol. Alcohol is a colourless, odourless and inflammable fluid.

#### **Define: Binge drinking**

Consuming large quantities of alcohol in a short space of time. This is 8 units in a single session for men and 6 units in a single session for women.

#### Alcohol and the law

It is against the law

- To sell alcohol to someone under 18 anywhere.
- For an adult to buy or attempt to buy alcohol on behalf of someone under 18.
- For someone under 18 to buy alcohol, attempt to buy alcohol or to be sold alcohol.
- For someone under 18 to drink alcohol in licensed premises.
- For an adult to buy alcohol for someone under 18 for consumption on licensed premises.
- To give children alcohol if they are under five.

It is not illegal: • For someone over 18 to buy a child over 16 beer, wine or cider if they are eating a table meal together in licensed premises at the discretion of the manager.

• For a child aged five to 17 to drink alcohol at home or on other private premises.

#### How alcohol affects you

Based on a standard (175ml) 13% volume glass of white wine or 4% strength pint of lager, I glass of white wine or a pint of lager (just over 2 units):

- You're talkative and feel relaxed.
- Your self-confidence increases.
- Driving ability is already impaired, which is why it's best to drink no alcohol if you're driving.

The more alcohol you drink the less inhibited you feel and the shorter your attention span. As you drink:

- Your blood flow increases.
- You start dehydrating, one of the causes of a hangover.
- Your reaction time is slower.
- Your liver has to work harder.
- You're may became noticeably more emotional.
- Your judgement is impaired.

Stay safe, make sure you stay in control.

Health and well-being - Smoking and Alcohol

#### **Define: Smoking**

The action or habit of inhaling and exhaling the smoke of tobacco or a drug. Usually through cigarettes or cigars.

#### **Define:Vaping**

The action or practice of inhaling and exhaling the vapour produced by an electronic cigarette or similar device.

#### Smoking and the law

You must be over 18 to buy cigarettes in the UK. If you're under 16 the police have the right to confiscate your cigarettes.

It's illegal:

- For shops to sell you cigarettes if you are underage
- For an adult to buy you cigarettes if you are under 18
- To smoke in all public enclosed or substantially enclosed area and workplaces.
- To smoke in a car with a child.

#### Vaping and the law

You must be 18 or over to purchase e -cigarettes or e - liquids in the UK.

It also became illegal for an adult to buy e-cigarettes for someone under the age of 18.

• Although there is no legal restriction on where you can vape in the UK there are local laws and bylaws in force that prohibit the practice.

The choice of whether or not to allow vaping is that of the property owner.

- Vaping generally is not allowed on the underground, planes, buses or trains and train stations in the United Kingdom.
- Vaping while you drive may not seem like such a big deal but it could land you with up to nine penalty points and up to a £2500 fine.

### Risks of smoking

- Smoking can damage every part of your body
- It can lead to different types of cancer including lung, throat, mouth and stomach among others
- It can lead to other chronic health problems including heart disease, stroke, chronic lung disease, reduced fertility, asthma and gum infections.

### Risks of vaping

- Mouth and airways Mouth irritation, restriction in airway and cough.
- Heart and circulation Chest pain, increased blood pressure and increased heart rate.
- Stomach vomiting or nausea

Long term effects are still not fully known

Health and well-being - Smoking and Alcohol

#### **FORM AND STRUCTURE**

The **FORM** or **STRUCTURE** is the overall plan of a piece of music.

#### **BINARY FORM (AB)...**

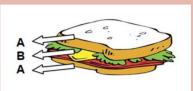
is a musical structure with TWO contrasting sections. The first section is labelled as A and the second section is labelled as **B.** Sometimes, the sections are repeated.



Listen to 'Overture' from Messiah by Handel. You should hear a clear change in the music. How do the two sections contrast?

#### **TERNARY FORM (ABA)...**

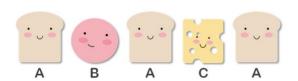
is a musical structure with THREE sections. The first and third section are labelled **A** and are very similar. The middle section **B** contrasts with the two outer sections.



Listen to 'Hornpipe' from Water Music by Handel. Can you hear when the 'A' section returns?

#### RONDO FORM (ABACABA)...

is a musical structure in which the main theme (A) keeps returning in between contrasting episodes (B, C).



Listen to 'Presto' (movement IV) from The Joke Quartet by Haydn. Can you hear when the main theme returns? Why do you think it might be called 'The Joke Quartet'?

#### **VERSE CHORUS FORM...**

is a musical structure that is common in popular music. It is built using two contrasting sections - the VERSE and the CHORUS.

The chorus is repeated several times throughout the song and contains the song's most memorable melody, called the **hook**.

There are sometimes other sections present in verse chorus form: intro, pre-chorus, bridge and outro.

Listen to 'Your Song' by Elton John and follow the outline of the structure below.

Have you noticed that in each of the structures above, there is an element of REPETITION and/or an element of **CONTRAST?** 

Repetition is where a section of the music is repeated.

Contrast is where one section of music is different to another.

There are a number of ways in which composers/ songwriters create contrast between sections. These include: low pitch/high pitch; a change in texture/ instrumentation; shorter notes/longer notes; a change in tempo (speed).

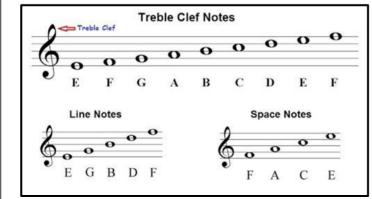
#### Verse/Chorus Form

• Elton John's "Your Song":



- Intro
- Verse 1: "It's a little bit funny..."
- Chorus: "And you can tell everybody..."
- Verse 2: "I sat on the roof..."
- Chorus: "And you can tell everybody..."
- Outro

#### **READING NOTES ON THE TREBLE CLEF**



#### TIPS FOR READING NOTATION

- Learn a rhyme to help you remember the order of the notes on the LINES, such as **EVERY GREEN BUS DRIVES FASTER.**
- Remember the rhymes always start at the bottom of the stave (the five horizontal lines).
- Notice that the order of notes as you move up the scale is ALPHABETICAL ORDER, ending with G.

	Acting Skills	
	Facial Expressions	Showing emotion with your face
	Body Language	Showing emotion with your body
	Posture	The way in which you hold your body. Posture can be used to show age, emotion, and status of character
	Focus	Where you are looking, who you use eye contact with, or refuse to use eye contact with can show a huge amount about your character's confidence and emotions
ORAMA	Weight Placement	Weight placement is about changing your centre of gravity to bring your weight onto specific parts of the body. For example if you lean forward the weight is brought onto the front of you feet, if you lean to the side =your weight placement goes down the leg on the side you areleaning. This can be used to show gender, age and even personaliity.
	Gesture	Small movements that convey meaning. For example a nod of the head means 'Yes' or thumbs up to say you are feeling good.
	Pitch	How high or low your voice is
	Projection	How loud or quiet you are. Remember it is just as bad to be too loud in the drama room as it is to be too quiet in the hall.
	Pace	How quickly you speak.
	Intonation (tone)	The emotional tone of your voice.
	Clarity	How clearly you speak
	Articulation	The movement of the lips and tongue to help you speak clearly.

#### **KEY ELEMENTS**



#### **COMPOSITION**

This is how all of the front cover elements are put together. The title, the character, the background and any other information.



#### **OTHER**

Consider the other elements that can be added to the design; edition numbers, price, barcode, explosions or more information about the story.







#### TITLE

The main title of the comic book could be the character. This helps to attract the reader





#### **MATERIALS**

Materials are really important for all type of things that you create. The material can give your product one of the most important finishes.

When making your maks make sure you really focus on what materials you want to use and why those materials.





#### **COLOUR**

Colours are the first thing you see - they have to be eye catching for the reader.

#### **CREATING YOUR SUPERHERO MASK**

When you create your own mask you need to be thinking about what you can do to make it different to all the others out there.

Thinking about your logo and how that can be used. How all your different colours will be used. How the fabric will look.

Make sure you create something that looks really unique and stands out.

#### **SAFETY**

Ensuring your mask is safe is one of the top priorities that you need - how can you do this?

Making sure the fabric is secure

Making sure the strap won't come undone or fall off

Making sure all extra parts are secure pn to your mask

Making sure it's the correct size for your face

# Warm ups and cool downs

# Reasons for Warming up

Before we exercise it is important we prepare our body for exercise.



- Prepares you physically and mentally for exercise
- Increase heart rate and blood flow /oxygen delivery to muscles
- Increases the **body temperature** including temperature of muscles, tendons & ligaments
- It increases **flexibility** and **pliability** of **ligaments** / **tendons**
- Allows the performer to prepare on the **surface** the are playing on and gets them used to **environment** they will be performing in
- Increase speed of muscle contraction



### **Rules / Precautions**

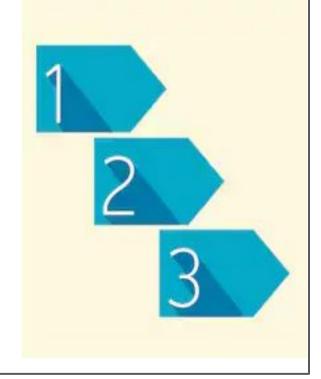
A good warm up should be a minimum of 10 minutes. You should gradually increase the intensity of your warm up. You should perform exercises and skills that will be replicated in the game

# Phases of a warm up Phase I

**Pulse raiser:** raises HR and speeds up oxygen delivery to working muscles

# Phase 2 Stretching and mobility: increases elasticity and range of movement

# Phase 3 Skills activity: more intense practices relating to the main session



# Warm ups and cool downs

# Example of an appropriate warm up. Key Components of a warm up:

- Pulse Raiser (5 minutes)—A steady jog around the outside of a pitch at the speed you can chat to someone. Start slowly and increase the pace over time.
- Mobility and stretching Start by mobilizing the muscles and joints, pay particluar attention the the muscle groups you will be using in the sport or activities. (knee raises, side steps, high kicks, lunges)
- Skill Rehearsal Skills practice that replicated what you will do in the
  activity or sport (e.g. Square passing in football, chest passes in netball, rally in
  badminton)

# **Cool downs**

After exercise it is important you cool down properly using the key components of a cool-down listed below:

#### Cool downs should be:

- Low intensity exercise slow jog
- Stretching using static and dynamic stretches for a hold of 30 seconds or more

### Physical benefits of a cool down:

- Helps body's transition back to rest
- Gradually lowers heart rate
- Gradually lowers temperature
- Circulates oxygen and blood
- Gradually reduces breathing rate
- Increases removal of waste products (lactic acid)
- Reduces risk of DOMS (Delayed Onset of Muscle Soreness)
- Helps recovery by stretching





#### **USER INTERFACES**

A User Interface (UI) is what enables us (the users) to interact with a device. Without a user interface, you would need a working knowledge of binary, mathematics and electronics in order to be able to use a computer. User Interfaces help you input data and understand the output.



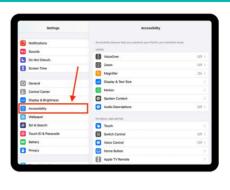
# Graphical User Interfaces (GUIs)

Graphical User Interfaces are used by most desktop computers, laptops and smartphones. They use a combination of windows, icons, menus and pointers (WIMPs) to help users to find their way around the system. GUIs are widely used because they are considered to be intuitive, meaning that the users can work out what they need to do just by looking at it.



#### **Accessibility**

Most UIs have a range of built in accessibility features which help people with disabilities to use them.

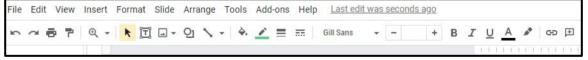


These features are usually available in the settings menu under Accessibility or Ease of Access and include:

- Adjustable text size
- Magnifier
- Text to Speech/Immersive Reader
- Invert colours
- Assistive Touch
- Speech recognition

## **Intuitive Design**

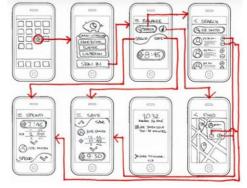
Most UIs group similar objects together in the menus or on the **ribbon** to make it easier for the user to find them. The accessibility options are all together in the settings menu and the font formatting tools are all grouped together in Slides or PowerPoint.



The UIs also have different ways of giving the user feedback. Error messages and warnings tell a user if something is wrong of if they are about to do something they can't undo. Links and buttons often change colour so that the user knows that the computer is processing the action.

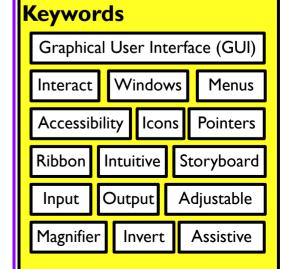
### **S**toryboards

Before making the UI, the designers will sketch out storyboards that show what the screens look like and how they are linked



The plan will then help everyone working on the project understand what they are making and how it will work.

Storyboards make sure that nothing is left out.



# **PORTRAITURE**

Portraiture is a huge area of art, with many different approaches and styles. Here are some key artists:

Russ Mills is a contemporary British artist. He often combines animal and human faces. How do you think he intends this portrait is make you feel?



**Peony Yip** is an illustrator living and working in Hong Kong. She combines human and animal faces, overlaying them rather than merging them together. How would you describe this effect?





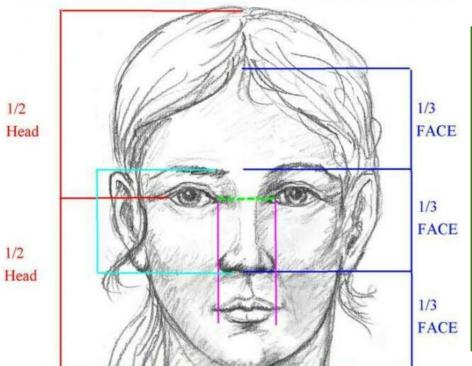
In this study of a girl, by **Leonardo Da Vinci**, notice how he uses **tone** to make the head feel solid, and the features soft.

In this portrait by **Alexej von Jawlensky**, painted in 1930, he has not tried to make it realistic. Instead, he used colours to show the emotion. This is known as **expressionist.** 



# **PORTRAITURE**

# **BASIC FULL FACE PROPORTIONS**



# The importance of proportion:

Usually when we start drawing faces, we get the proportions incorrect. Common mistakes include having the eyes too far up the face, and too large. Study this diagram carefully to help you improve.

The eyes are halfway between the top of the head and the bottom of the chin. The FACE is devided into 3 parts, from hairline to eyebrow, from eyebrow to bottom of nose, from nose to chin. The distance between the eyes (In green) is approximatly the width of **one eye.** This is the same width of the nose (and to some extent, the mouth at rest) The ear length is from the eyebrow to the bottom of the nose. (In light blue)

### **Key concepts:**

Features - the nose, mouth, ears and eyes

**Proportion** - the relationship between height, width and position of these features

Form - the appearance of three dimensional depth

Tone (shading)- use of light and dark to create the illusion of form

Profile - the view of the side of the face

**Composition** - how the artist chooses to arrange the elements of the image onto the paper

**Realist** portrait- accurately portraying the visual appearance of the person **Expressionist** - portraying the feeling or personality, rather than the appearance of the person, often through use of colour.

# **Nutrients**

### What are Nutrients?

Nutrients are the building blocks that make up food and have specific and important roles to play in the body. Some nutrients provide energy while others are essential for growth and maintenance of the body.

### **Macro Nutrient**

Macro Nutrient	Role in the Body	Food Example
Carbohydrate	The main source of energy for the body.	Bread, rice, pasta, potatoes
Protein	Provides the body with growth and repair.	Meat, poultry, beans, eggs, lentils, tofu, fish
Fat	Provides the body with insulation and a small amount protects vital organs. Provides essential fatty acids for the body.	Butter, oil, cheese, cream, nuts, oily fish, crisps

# **Vitamins**

Vitamin	Role in the Body	Food Example
А	Helps to keep the eyes healthy and strengthen the immune system.	Dark green leafy vegetables, carrots, liver
В	Helps to release the energy from the food we eat.	Bread, milk, cereals, fish, meat
С	Help with skin healing and healthy skin. Help with the absorption of Iron.	Fresh fruit, broccoli, tomatoes
D	Important for absorbing calcium and help with healthy bone structure.	Oily fish, eggs, butter, sunshine

**Vitamins -** Help to keep our immune system up and help our body to stay healthy - they are important for body maintenance.

1 V 4	ın	$\sim$ $^{\nu}$	
			_

Mineral	Role in the Body	Food Example	
Calcium	Important for strong teeth and bones. It also helps with blood clotting.	Milk, yoghurt, soya, dark green leafy vegetables	
Iron	Needed for red blood cells which help to transport oxygen around the body.	Nuts, whole grains, dark leafy vegetables, meat, liver	
Minerals - Help to keep our immune system up and help our body to stay healthy.			



# What is Typography?

Typography is the style or appearance of text. It can also refer to the art of working with text—something you probably do all the time if you create documents or other projects for work, school, or yourself.

Typography is everywhere we look. It's in the books we read, on the websites we visit, even in everyday life; on street signs, bumper stickers, and product packaging.



# Serif or Sans Serif?



### Serif Font

Serif fonts have little strokes called **serifs** attached to the main part of the letter. Because of their classic look, they're a good choice for more traditional projects. They're also common in print publications, like magazines and newspapers.

### Sans Serif Font

Sans serif fonts don't have that extra stroke—hence the name, which is French for without serif. This style is considered more clean and modern than serif fonts. Also, it tends to be easier to read on computer screens, including smartphones and tablets.



# STREET DANCE



The aim of this terms learning is to introduce to you a new dance genre/style called Bboying and for you to know where it fits into the Hip Hop culture. You will need to produce and perform this style of dance in your assessment demonstrating a good understanding of the key moves, traditions and its cultural context.

# WHAT IS **HIP-HOP?**

Hip hop music,

also called

hip-hop or rap

music, is a music

genre formed in

the United States

in the 1970s that

consists of a

stylized rhythmic

music that

commonly

accompanies

rapping, a

rhythmic and

rhyming speech

that is chanted. It

developed as part

of hip hop

culture, a

subculture defined

by four key

stylistic elements:

MCing/rapping,DJi

ng/scratching,

break dancing, and

graffiti writing.

Other elements

include sampling

(or synthesis), and

beatboxing.

#### A LIST OF BBOY MOVES:

Use YouTube and type in the bboy moves listed below. Find tutorials and try and embody some of these actions.

#### Top Rock:

Apache Step (commonly known as Indian Step) 大了大

Kick Step

Charlie Rock



Footwork:

6 Step

Helicopter/Coffee Grinder

Ci-Ci



Drops:

Knee Drop

Jump to Knee Slide

Top rock drop





Freeze:

**Baby Freeze** 



### HISTORICAL CONTEXT AND DEVELOPMENT OF B-BOYING

The words 'Break Boy and Break Girl' originated from the Bronx of New York. In the early 70's Dj Kool Herc would play the 'breaks' of songs. Meaning, he would only play parts of the songs where it was beat only, no lyrics. This would excite the people to dance. So in turn girls and guys who danced to these 'breaks' were called 'Break Boy and Break Girl' or 'B-Boy; B-Girl' in short. B-boying started with the James Brown's 1969 "Get on the Good Foot". When on stage James Brown would dance around with such energy and almost acrobatic moves. many people began mimicking his moves, so they called it the "Good Foot". The 'Good Foot' was mainly dancing around that involved drops or spins on the floor. Thus, the beginning evolution of breaking. During the 1970's martial arts were also very popular, so B-Boys (for the most part) incorporated martial art stunts to 'wow' the crowds. And today b-boying has evolved into a highly demanding dance physically and mentally. With massive b-boy dance competitions being held around the world, such as BOTY (Battle of the Year) in Germany and the FreeStyle

Sessions.

# CHOREOGRAPHY, REHEARSAL AND PERFORMANCE



Evaluating your dance work?
Try these sentence starters to help you reflect
and appreciate your work:



I would like to tell you about.....

I would like to explain about.....

I have choreographed.....

My dance was about.....

This term I have learnt.....

I am pleased with my finished performance because....

The most enjoyable part of the work was.....

The area I found the most challenging was.....

I am now aware of.....

The equipment/resources I have used are.....

I would develop my work by..... I would like to use this (insert: technique, idea, development or method) in my future projects because..... The key focus this term was.....

Important things to remember are.....

I have learnt how to.....

I have planned.....
The most enjoyable part of the work was.....
I am able to use.....

#### **CHOREOGRAPHY**

Use YouTube, type in and watch the famous dance crews listed below. Try and teach yourself some phrases/choreography that you liked the most from these crews and bring what you have learnt to class, as you could apply the choreography you have learnt to the phrases that you will be taught in class. This will expand your movement vocabulary and understanding of this dance genre/style.

Diversity
Flawless
Project G
Rock Steady Crew
Zoo Nation
Twist and Pulse

Analyse the following in what you watch:

- Action content what key moves are they performing?
- Dynamics performed How are they performing the actions you have identified?
- Space used how are they using the space around them in the choreography?
- Relationships how are they dancing with one another?
   Unison? In duets? Cannon?

#### **REHEARSAL**

- Warm up and stretch properly and correctly
- Mentally and physically prepare yourself for the rehearsal/lesson ahead
- Follow health and safety rules in dance and wear the correct attire
- Work with different group variations—1, 2, 3, 4, 5
- Aim to Input creative ideas
- Listen to the ideas of others
- Communicate effectively and calmly with others
- Take the lead in groups
- Be a team player Teamwork
- Try to show and maintain commitment to your work
- Focus at all times
- Repetition is key, repeating your creative dance sequences will help remember your dance
- Identify yours and your groups strengths
- Identify areas for improvement to make progress in your dance work

#### **PERFORMANCE**

When you perform your dance assessment here are a list of skills that I will be looking out for in your dance:

Movement Memory - remembering your dance

Accuracy - copying exactly the actions you see

Extension - stretching your limbs into the space

Fluency - moving from one action to the next without pauses

Posture - how you hold your body when sitting/standing

Spatial Awareness - knowing where you are in the space

Strength - muscle power needed to perform movements

Focus - use of the eyes looking at other dancers, the audience or to a body part

Facial Expression - emotion shown through eyes, mouth and eyebrows Sensitivity to others - in space, group formations, when in contact Commitment - considering work as a performance piece

Application of stylistic features and appropriate dynamics

# How do the challenge tasks work?

Each term, five subjects will set additional challenge tasks.

These tasks are optional so you can pick and choose which ones you do. For each task that you complete, you will be rewarded with 5 epraise points and be entered into a draw to win a prize.



Your class teacher will give you details of how and when you should hand in the task

#### **ENGLISH**

### Optional Challenge Tasks

- I. Create a timeline which shows the history of the Gothic genre ensuring you include favous books and writers.
- 2. Read a Gothic story and write a review which also highlights how it suits the Gothic genre.
- 3. Imagine that you are walking through a Gothic building and describe what you see.
- 4. Create a Character Profile on a Gothic character you have been introduced to in this unit.
- 5. Find an image of a dark cave online. Inspired by this picture, write a Gothic description of walking into a cave.
- 6. Look around you at the room you are in. Describe a Gothic version of this room. How will you have to change it?
- 7. Imagine a Gothic dream. Draw a storyboard of this dream. Remember that odd things can happen in dreams! Write a paragraph explaining why it's Gothic.

# ICT

#### Design a brand new UI

You could create a design for your a new social media site or maybe redesign the UI for your favourite computer game. You could even design a new home screen for your phone!

The designs could be sketched on paper or created using Google Slides just like the ones we're doing in class. The choice is yours.





### **HISTORY**

Challenge: Use the information on Guy Fawkes and the Gunpowder Plot and some of your own research to complete the following task:

Imagine you are an ambassador (someone who represents a foreign country overseas) living in London - write a letter home reporting on the Gunpowder Plot. Remember to include lots of detail - you can even put in drawings if you want!

#### **ART**

This term you will be learning how to draw a portrait. To practice, draw yourself in a mirror. Start off by focusing on the overall proportions (see slide 40), then add the features. Remember to use your pencil very lightly. Once you have all the features in place, add tone by layering your pencil. Success =

- ★ Fill the page
- ★ The eyes are halfway down approximately
- **★** TONE

Tip - the areas IN BETWEEN the features are just as important as the features, so look carefully at the cheeks, chin and forehead. Portraiture is really hard! If your portrait looks like a realistic person, you have done **really well** - if it looks like you, you are a **genius**! Enjoy:)

# **DANCE**

- Make a music video, try dancing and singing at the same time - Can you get your family involved?
- Draw a poster for a dance competition Include:
   Location, Price, Date, Time and how to enter.
- Teach a member of your family four dance moves and let them teach you a few!
- Make a dance costume from materials in your house, take a picture and show us!
- Try a Hip Hop online tutorial in the following styles: Waacking, Tutting, Locking & Popping, Breaking

7