

Year 9 Knowledge Organiser Cycle 4 – 2023/24









ENGLISH

Theme Park Project

This cycle will help you develop your craft as a writer. You will be writing persuasively and descriptively, creating a concept for a theme park and all of the promotional materials around it. You will build on your persuasive writing skills from Year 8 (Protest) and prepare to write successfully for GCSE English Language. You will also develop your oracy skills, working collaboratively and discussing ideas with others, as well as presenting your ideas in a formal, professional manner.

P – Power of three / Personal Pronouns

E – Emotive language

R – Repetition / Rhetorical

Question

S – Statistics

U – Undermine the Opposition

A – Anecdote / Alliteration

D – Direct Address

E – Exaggeration

Key Terms

PERSUADE

ACOMPASS

SLOGAN

ENDORSEMENT

LOGO

GAP

IMPERATIVES

PUN

Definitions

Persuasive language methods used to convince a consumer.

Descriptive language methods used to persuade a consumer.

A short, striking, memorable phrase used in advertising.

A form of public support or approval of a product.

A symbol created by an organization to identify its product.

Genre, Audience, Purpose – of a text.

A form of verb that is usually used for giving orders.

A humorous play on words.





Writing Forms this cycle: (Genre)

Formal Letter
Advertising Material
Slogans

Writer's Address

	Street
Recipients Address	Town
Name	Postcode
Street	
Town	
Postcode	
Name or Title	
Dear	
Introduction	
Three Main Points of the Letter	
I.	
2.	
3.	
Conclusion	
Salutation	

JOLLY PARK NEW RIDES & ATTRACTIONS
STEP INTO THE WORLD OF FUN, EXCITEMENT AND LAUGHTER!
GRAND OPENING APRIL 24, 2019 3025 Ford Street, San Jose, California













me now?"

What you are writing for: (Purpose)

Interests

Persuade people to visit your park
Persuade people to invest in your
park

Persuade people that your park is better than the rest







MATHS

Cycle 4 in **Maths** will focus on developing your knowledge of solving equations with unknowns on one side and on both sides. During this time you will look at inequalities within algebra, learning more ways to speak the 'universal language' of mathematics. You will also look at inequalities and straight lines graphs, investigating what changes the gradient and makes graphs parallel.

y = x + 3

v = 2 = 1

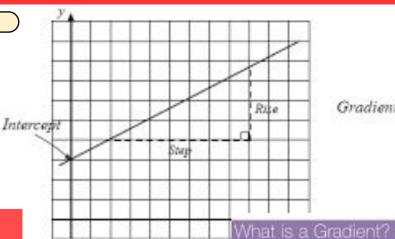
EQUATIONS KEY WORDS AND DEFINITIONS Solve To find the value of the letter in an equation Equation A mathematical statement saying two things are equal to each other Horizontal Parallel to the horizon (flat) At right angle to the horizontal (upright) Vertical Inequalities Like an equation but less than, less than equal to, greater and greater than equal to symbols used. Integer A whole number **Parallel Lines** Two lines that never meet Perpendicular lines Two lines that join at 90°

Topic 2

Equation of line and parallel lines

Sparx U377

When plotting linear graphs you need to complete the table of at least 2 coordinates. substitute the x value into the equation given to find the y value.

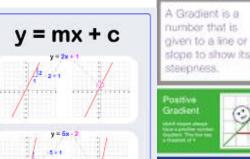




Gradient = Change in Y

Gradieni

Shallow Gradient















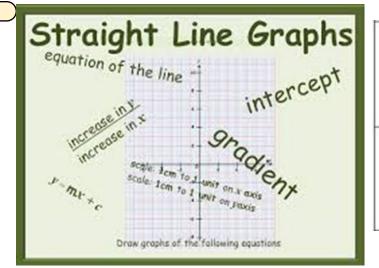


A Linear graph is also known as a straight line graph. You need only 2 points to draw a straight line, however a few more is useful.

Topic 1

Straight Line graphs

Sparx M932, M544, M888



Topic 3

To be able to solve equations with unknowns on one side and both sides

Sparx M707 M509, M544

GOLDEN RULES WHEN SOLVING EQUATIONS:

- 1) Always do the same thing to both sides of the equation.
- To get rid of something, do the opposite/inverse.
- 3) Keep going until you have a letter **on its own**.

One Step Addition Example The Opposite of Addition is Subtraction

$$y + 14 = 20$$

-14 -14

y = 6 ✓

The value which makes the equation true is 6.



ONE STEP SUBTRACTION EXAMPLE

The Opposite of Subtraction is Addition

$$x - 120 = 80$$

+120 +120

The value which makes the equation true is 200

Example:

5(x + 2) = 3x - 85x + 10 = 3x - 8

5x - 3x + 10 = 3x - 3x - 8

2x + 10 = -8

2x + 10 - 10 = -8 - 10

2x = -18

2x/2 = -18/2

x = -9

Check:

5(-9+2)=3(-9)-8

-35 = -35



Multiplication Example

The Opposite of Multiplication is Division

$$3n = 12$$

$$8n = 12$$

3/3 cancels down to become 1/1 =1

 $\gamma = 4 \checkmark$

1n is simply "n"

The value which makes the equation true is 4

One Step Division Example

The Opposite of Division is Multiplication. k = 16K is divided by 2, so we need to multiply

2 k **x**2 = 16 x

 $\frac{k}{2} \times 2 = 16 \times 2$

k = 32 ✓

2 \lambda 1k is simply "I

both sides by 2

2/2 cancels down to become 1/1 =1

The value which makes the equation true is 32

Topic 4

Inequalities

Sparx M314, M118 To understand what are inequalities, how we represent them on a number line and how we extend our solving equation knowledge to solve them



Solve 9 - 2x > 15

 $\begin{array}{rr} (-9) & 9 - 2x - 9 > 15 - 9 \\ & -2x > 6 \end{array}$

$$(\div -2)$$
 $-2x \div -2 < 6 \div -2$

x < -3

If your equation involves inequality symbols solve it exactly the same way as you would an equation with an = sign

Solve 6x + 7 > x + 22

(-7) 6x + 7 - 7 > x + 22 - 7

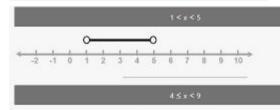
6x > x + 15

(-x) 6x - x > x + 15 - x

5x > 15

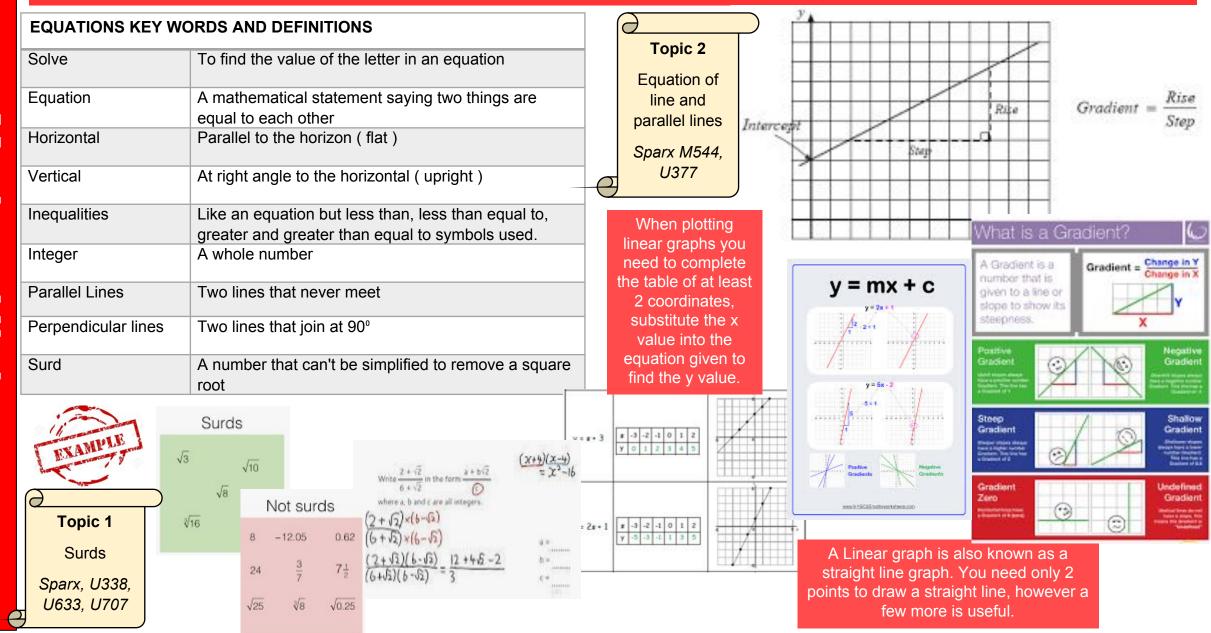
 $(\div 5)$ 5x ÷ 5 > 15 ÷ 5

x > 3



Late than Creenal to Creenal C

Cycle 4 in **Maths** will focus on looking at new knowledge on surds and how to rationalise the denominator. You will also develop your knowledge of straight line graphs and non-linear graphs. Finally you will extend your equation solving skills, working with unknowns on one side and on both sides. During this time you will look at inequalities within algebra and add to your 'universal language' vocabulary.



Topic 3

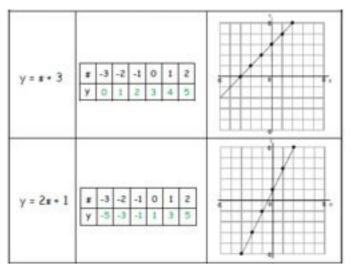
Non-linear graphs

Sparx U989, U980, U593,

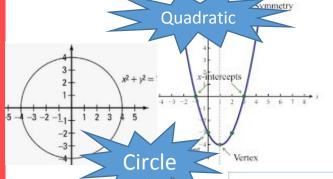
U229

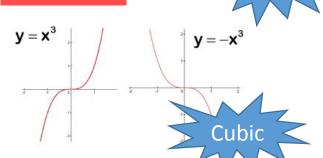
When plotting linear graphs you need to complete the table of at least 2 coordinates, substitute the x value into the equation given to find the y value.

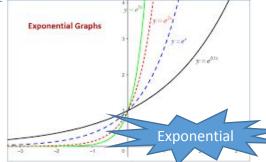
A Linear graph is also known as a straight line graph. You need only 2 points to draw a straight line, however a few more is useful.



Non-linear graphs are all graphs that are curved lines.







Reciprocal

0

Topic 4

Inequalities

Sparx M314, M118 To understand what are inequalities, how we represent them on a number line and how we extend our solving equation knowledge to solve them



Solve 9 - 2x > 15

(-9)
$$9 - 2x - 9 > 15 - 9$$

 $-2x > 6$
(÷-2) $-2x \div -2 < 6 \div -2$
 $x < -3$

If your equation involves inequality symbols solve it exactly the same way as you would an equation with an = sign

Solve 6x + 7 > x + 22

$$(-7)$$
 $6x + 7 - 7 > x + 22 - 7$

$$6x > x + 15$$

(-x)
$$6x - x > x + 15 - x$$

 $5x > 15$

$$(\div 5)$$
 $5x \div 5 > 15 \div 5$





Leves than Long than Croater than to expense





SCIENCE

Periodic table - Key words and definitions		
Atom	Atoms are the building blocks of everything. Atoms can form strong bonds with each other, making molecules.	
Element	An element is a pure substance which is made from only one type of atom.	
Periodic table	The periodic table is a way of organising the elements which is used by scientists to group elements with similar properties. It has a unique arrangement of rows and columns.	
Properties	All substances have properties. These describe how a subject looks and behaves. Substances have both physical and chemical properties.	

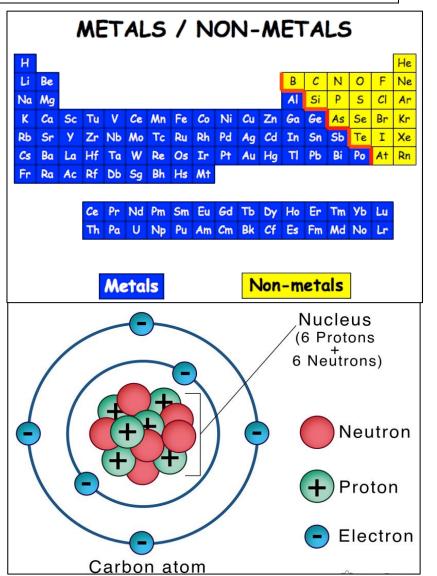
Key points

- The position of an element on the periodic table provides information about its properties.
- The majority of elements are metals and they are found on the left and in the middle of the periodic table.
- Most metals share a lot of properties, such as being good conductors of heat and electricity.
- Non-metals often have the opposite properties. For example, they are usually poor conductors of heat and electricity.

METALS	NON - METALS
SHINY	DULL
HIGH MELTING POINTS	LOW MELTING POINTS
GOOD CONDUCTORS	Poor conductors
HIGH DENSITY	LOW DENSITY
MALLEABLE	BRITTLE

The atom has a central nucleus surrounded by electrons on shells.

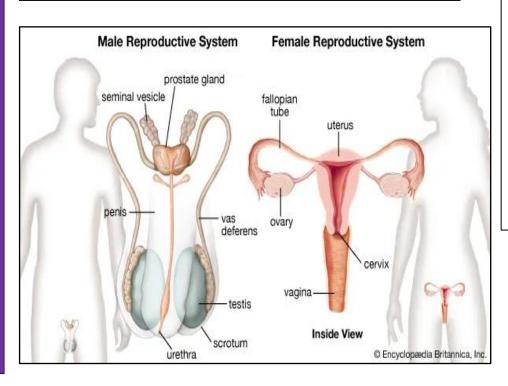




Reproduction - Key words and definitions		
Gamete	These are the male and female sex cells.	
Reproduction	Male and female reproductive systems allow human reproduction	
STI	Sexually transmitted infections (STIs) are spread predominantly by unprotected sexual contact. Some STIs can also be transmitted during pregnancy, childbirth, and breastfeeding and through infected blood or blood products. STIs have a profound impact on health	

Sexually-transmitted infections

Sexually transmitted infections (STIs) are passed from one person to another through sexual contact. This includes anal, oral or vaginal sex. There are more than 30 different **pathogens** that cause STIs. These include **bacteria** like Chlamydia and **viruses** like **HIV**. To reduce the spread of STIs people can abstain from sexual activity or use a barrier-type of **contraception** like a condom.



The menstrual cycle

The **menstrual cycle** is a recurring process which takes around 28 days.

During the process, the lining of the <u>uterus</u> is prepared for pregnancy. If implantation of the fertilised egg into the uterus lining does not happen, the lining is then shed. This is known as **menstruation**.

Several **hormones** are involved in the menstrual cycle of a woman:

- follicle stimulating hormone (FSH) causes the maturation of an egg in the ovary
- <u>luteinising hormone (LH)</u> stimulates the release of the egg
- <u>oestrogen</u> is involved in repairing and thickening the uterus lining, while <u>progesterone</u> maintains it



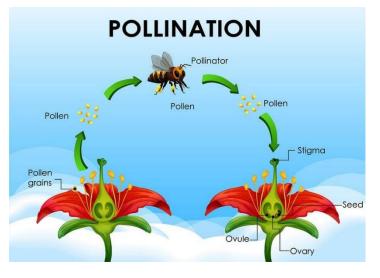
Example of an STI: Chlamydia



Reproduction in plants - Key words and definitions

Fertilisation

The action or process of <u>fertilizing</u> an egg or a female animal or plant, involving the fusion of male and female <u>gametes</u> to form a <u>zygote</u>.





Pollination

Pollination is the act of transferring pollen grains from the male anther of a flower to the female stigma. The aim of most living **organisms**, including plants, is to produce offspring for the next generation. One of the ways that plants can produce offspring is by making seeds. Seeds contain the nutrition and all the genetic instructions to grow into an adult plant.

There are two types of pollination:

Self-pollination: The pollen grain lands on the same flower it originated from.

Cross-pollination: The pollen grain lands on a different flower to the one it originated from.



Flowers on the apple tree use cross-pollination

- Insect-pollination of flowering plants is responsible for the majority of the world's flowering diversity and is an essential part of plant reproduction.
- Flowers have bright colours, smells and nectar which encourage pollinators to pay them a visit.
- Honeybees along with 1,500 other insect species pollinate plants in the UK.

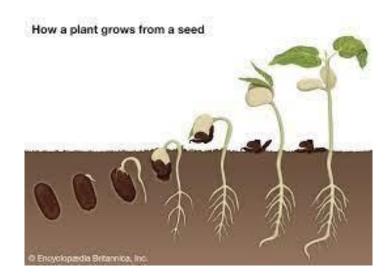
Germination

Germination occurs when a new plant grows out from a seed. All seeds require three conditions for successful germination:

- Water allows the seed to swell up and all the chemical reactions involved in the growth of the embryo to take place.
- Oxygen is needed for aerobic respiration which provides the energy the embryo needs to carry out cell division and grow.
- Warmth is required for the enzymes to carry out respiration and cell division.

WOW = Water Oxygen Warmth

As the new plant grows, it produces roots which take in water and minerals from the soil and produces leaves on its shoots which carry out photosynthesis to make food for the plant.







HUMANITIES

- Geography
- History
- RE

Key Terms

	Biome	A large scale ecosystem.
	Ecosystem	Community or group of living organisms that live in and interact with each other in a specific environment.
	Climate	The weather conditions prevailing in an area in general or over a long period.
	Development	The process of a country becoming richer.
	Population density	The number of people living in an area.
	Tourism	The activities of people traveling to and staying in places outside their usual environment for leisure.
)	Natural hazard	Extreme natural events that can cause loss of life, extreme damage to property and disrupt human activities.
	Natural resources	Natural assets (raw materials) occurring in nature that can be used for economic production or consumption.
	Hydro electric power	Electricity produced from generators driven by turbines that convert the potential energy of moving water into mechanical energy.
	Population distribution	The way in which people are spread across a given area.

Definitions

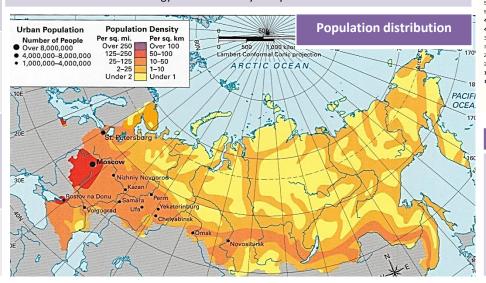


Hydro-Electric Dam

- Hydroelectricity, is a form of renewable energy generated by the movement of water.
- The flow of water is used to spin a turbine, which is connected to an electric generator. The electricity is then fed into the National Grid, and into our homes.

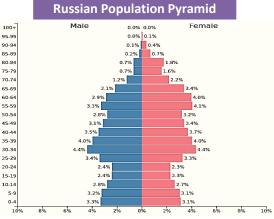
Impacts of the Volgograd Dam:

- Produces around 12 billion KW-hours of energy a year.
- Thousands of jobs created during the construction of the Volgograd Dam.
- Interrupted migrating fish paths which will mean a decrease in specific species numbers.
- Great source of clean energy which is used by many Russian cities.



Russian Climate & Ecosystems

- Most of Russia experiences a continental climate. This is characterised by two main seasons; long, dark cold winters and brief warm summers.
- Yatusk is a city located in the East of the continent. It suffers from temperatures dropping to -45°C during the long winters.
- The Tundra and Taiga biomes cover a large proportion of the land in Russia.
- The taiga is a forest of the cold, subarctic region. The subarctic is an area of the Northern Hemisphere that lies just south of the Arctic Circle.
- Nearly one-tenth of Russian territory is tundra, a treeless, marshy plain. The tundra widens to a maximum of about 300 miles (500 km) in Siberia.



Chernobyl

The Chernobyl disaster was a catastrophic nuclear accident that occurred on 26 April 1986 at the Chernobyl Nuclear Power Plant in Ukraine which was under the jurisdiction of the Soviet Union.

An explosion and fire released large quantities of radioactive particles into the atmosphere, which spread over much of the western USSR and Europe

5
<u>C</u>
D
4
ear
6
I
IST
0
Z

Key words and definitions		
Slavery	The practice of owning a person and making them work for no remuneration.	
KKK	Group active from after the civil war in America which persecuted black people.	
Persecution	The act of targeting and treating people with hostility because of the way they are (Eg,, Colour of their skin)	
Jim Crow Laws	State and local laws that enforced segregation in the southern United States.	
Congress	Part of the US government in change of passing new laws.	
Supreme Court	The highest court in the US, in charge of deciding high profile cases and laws.	
Constitution	The set of laws which give all US citizens certain rights which can't be broken.	
Boycott	Where people refuse to use or buy a product or service until they change an aspect of it. (Eg, Racism)	
Racism	Where someone is treated differently because of the colour of their skin.	
Civil Rights	The right to freedom and equality in politics and society.	
De Facto Segregation	Separation of black and white through tradition, represented in separate neighbourhoods.	
De Jure Segregation	Separation of black and white through laws.	
Solidarity	Unity especially among individuals / groups with a common interest e.g. sit-ins and anti-war movement	
Black Power Movement	The movement to get equal right through violent methods.	

Cycle 4 Knowledge Organiser



1964

1975

The struggle for equal rights between all American's had its roots in the American Civil War (1861-65). Abraham Lincoln, President of the United States, in the Emancipation Proclamation freed all slaves in America

1863	Emancipation Proclamation
1865	KKK founded
1877	Jim Crow laws come into effect in the south
1896	The Supreme Court states that "races should be equal but separate".
1954	Brown vs the Board of Education
1955	Brutal murder of 15 year old Emmett Till in Mississippi
1956	Rosa Parks and the Montgomery Bus Boycott in Alabama
1963	March of Washington "I have a dream speech".

1965 Voting Rights Act of 1965
1965-75 US involvement in the Vietnam War
1968 Assassination of Martin Luther King.
1968 Fair Housing Act
1970 Voting Rights Act Amendments of 1970

Civil Rights Act of 1964

Analysing significance: Try to place the above in an order of importance. Decide which is your most important event and why, then judge how others link to it. If you take an event away would the situation be the same?

Voting Rights Act Amendments of 1975

Brown vs The Board of Education:

The U.S. Supreme Court's decision in **Brown v**. **Board of Education** marked a turning point in the history of race relations in the United States. On May 17, 1954, the Court stripped away constitutional sanctions for segregation by race, and made equal opportunity in **education** the law of the land.

Presidents who fought for Civil Rights		
1861 - 65	Abraham Lincoln - best known for outlawing slavery with his famous Emancipation Proclamation in 1863	
1961 - 63	John F Kennedy - proposed a sweeping federal civil rights bill in 1963. The bill ended up being the Civil Rights Act of 1964 which was ultimately signed by Johnson (below)	
1963 - 69	Lyndon B Johnson - made all public accommodations (restaurants, swimming pools, hotels, etc.) available and open to all Americans, regardless of race, colour, or religion. The bill also aimed to end legal discrimination in the work place	
1969 -74	Richard Nixon - ensured the desegregation of schools was enforced. In 1969 almost 70% of schools were still segregated, By 1974 it was 8%. He also extended the Voting Rights Bill and made sure all literacy tests were ended. He also started "affirmative action" introducing quotas for employment of black Americans in public administration, the police and judges and in government.	

The Murder of Emmett Till:

By 1955, African Americans across the country, including in the segregated South, had begun the struggle for justice. Emmett Till's murder was a spark in the upsurge of activism and resistance that became known as the Civil Rights movement.

Significance of Martin Luther King Jr.:

Martin Luther King, Jr. was a Baptist minister and social rights activist in the United States in the 1950s and '60s. He was a leader of the American civil rights movement. He organized a number of peaceful protests as head of the Southern Christian Leadership Conference, including the March on Washington in 1963.

Significance of Rosa Parks:

Called "the mother of the civil rights movement," Rosa Parks helped the struggle for racial equality when she refused to give up her bus seat to a white man in Montgomery, Alabama. Parks' arrest on December 1, 1955 launched the Montgomery Bus Boycott by 17,000 black citizens. The significance of the Boycott is that it led to change in segregation laws.





PEACE AND CONFLICT - KNOWLEDGE ORGANISER

Reasons for war:

What are the causes of conflict?

The causes of any war are complex. Wars are rarely about just one thing. They can be declared when a state or states act to:

- attack or invade another state, to gain territory or resources
 - resist such an attack or invasion by an aggressor
 - protect another state from attack by an aggressor
- impose domination or political change on another state, or to resist such domination
 - challenge a threat to 'essential national interests' by another state
 - counter perceived threats from a different ideology, religion or ethnic group
 - defend the national honour when under threat

Weapons of Mass Destruction:

Weapons of Mass Destruction The first atomic bomb was dropped on Hiroshima in 1945. 80000 people died instantly and the death toll rose to over 140000 due to radiation poisoning and burns. Three days later a second bomb was dropped on the city of Nagasaki. Japan surrendered and this marked the end of the Second World War.

Types of WMD • Nuclear • Chemical • Biological

Arguments for countries having WMDs:

- Having WMDs acts as a deterrent. Countries are much less likely to attack if WMDs are
 present
- Having WMDs actually keeps the peace
- The use of a WMD on Hiroshima and Nagasaki brought the war to an end. More people would have died if the war had continued
- The use of a WMD at the end of the Second World War gave an important message. No nuclear weapons have been used since. This is a good thing.

Arguments against countries having WMDs:

- There can never be an acceptable reason to have or potentially use WMDs. They kill huge numbers of innocent people
- They are controlled from a distance or dropped from planes or drones. The people who use them never fully understand the damage they cause. Too easy to walk away fro this kind of destruction
- WMD production and maintenance is expensive. Money would be better spent on education or healthcare
- WMDs create inequality. Only the rich and powerful can afford them
- WMDs can easily fall into the wrong hands or be used by poor leaders eg the threat posed by the unpredictable leadership in North Korea
- Biological and chemical weapons are frequently used by dictators to keep people living in fear and preserve power eg chemical attacks by the government on Syrian people who want to change the government

What is a just war?

A <u>just war</u> is a war which is declared for right and noble reasons and fought in a certain way. A just war is not a war that is 'good' as such – it is a war that Christians feel to be necessary or 'just' in the circumstances, when all other solutions have been tried and have failed. It is a necessary evil and a last resort.

What is the Just War theory?

The **Just War theory** was first developed by **St Thomas Aquinas**. Aquinas was one of the most influential **theologians** of the last 1,000 years. The theory set out conditions against which to judge whether or not a war should be waged (**jus ad bellum**) and if it could be justified, and how it should be waged (**jus in bello**).

Aquinas's conditions for a Just War – jus ad bellum

- The war must have a just cause eg against invasion, or for self-defence and not to acquire
 wealth or power.
- The war must be declared and controlled by a proper authority, eg the state or ruler.
- The war must be fought to promote good or avoid evil, with the aim of restoring peace and justice after the war is over.

Later conditions developed by other Christians - jus in bello

- The war must be a last resort when all peaceful solutions have been tried and failed, eg
- The war should be fought with 'proportionality', with just enough force to achieve victory and only against legitimate targets, ie civilians should be protected.
- The good which is achieved by the war must be greater than the evil which led to the war.

Holy wars

Modern people often regard the idea of a holy war as a contradiction. Killing thousands of people and causing wholesale destruction seems to be as far from holiness as one can get.

But religion and war have gone hand in hand for a long time. Armies go into battle believing that God is with them, often after prayers and sacrifices to keep God on their side. In tribal cultures (including Biblical ones) when a people lose a war they often have to change to the worship of the winner's gods.

However involving God as part of the campaign does not make a war a holy war - for a war to be a holy war, religion has to be the driving force.

Holy wars usually have three elements:

- the achievement of a religious goal
- authorised by a religious leader
- a spiritual reward for those who take part

Many of the wars fought in the name of religion do conform to the just war conditions, but not all of them.

Religious causes

Francis Bacon said there were five causes for holy war: (he wrote in a Christian context, but the categories would be usable by any faith)

- to spread the faith
- · to retrieve countries that were once Christian, even though there are no Christians left there
- to rescue Christians in countries that were once Christian from 'the servitude of the infidels'
- recover and purify consecrated places that are presently being 'polluted and profaned'
- avenge blasphemous acts, or cruelties and killings of Christians (even if these took place long ago)

The Crusades

The great series of western holy wars were the Crusades, which lasted from 1095 until 1291 CE. The aim was to capture the sacred places in the Holy Land from the Muslims who lived there, so it was intended as a war to right wrongs done against Christianity.

Pacifism

There are several different sorts of pacifism, but they all include the idea that war and violence are unjustifiable, and that conflicts should be settled in a peaceful way.

The word (but not the idea) is only a century old, being first used in 1902 at the 10th International Peace Conference.

People are pacifists for one or some of these reasons:

- religious faith
- · non-religious belief in the sanctity of life
- practical belief that war is wasteful and ineffective





LANGUAGES

- French
- Spanish

Learning Cycle 4 is about leisure and going out. You will revise the perfect tense and the near future tense and learn how to make plans as well as describing your hero and using the conditional.

Key words	Definitions	
	Whoever is doing the action :	
Subject Pronouns	Je (I) / Tu (you) / II/Elle (he/she), Nous (we) / Vous (you (pl)) / Ils/Elles (they (m)/they (f)	
Nouns	Used to identify any of a class of people, places, or things	
Adjectives	Used to describe a noun	
Adjectival Agreement	In French, adjectives 'endings have to change according to the noun they describe	
Verbs	A word used to describe an action, state, or occurrence, and forming the main part of the predicate of a sentence, such as hear, become, happen.	
To Conjugate	To change the ending of a verb so it fits in a sentence	
Infinitive	A verb in its unchanged form / A verb which can be found in a dictionary / A verb which has an ER/IR/RE ending in French (jouer) / A verb which has 'to' in front of it in English (to play)	
Present Tense	Used to say what someone is currently doing or usually does (I play / I am playing)	
Near Future	Used to describe what you are going to do in the future (I am going to play)	
Past Tense	Used to talk about a completed action which took place in the past	
Conditional	Used when you say "I would" in English to describe things that might happen	

G Using jouer à and jouer de

- When you are talking about playing a sport or a game, use jouer <u>a</u>.
 Remember, à + le → au, à + les → aux.
 Je joue au foot. Je joue à la pétanque.
 Je joue aux cartes.
- When you are talking about playing a musical instrument, use jouer <u>de</u>.
 Remember, de + le → du, de + les → des.
 Je joue du piano. Je joue de la guitare.
 Je joue de l'harmonica.

Use interesting language

D'abord – first of all

Alors - so

Puis - then

Ensuite – next

Plus tard - later

Finalement – finally

The conditional

Si j'étais – If I was

Je serais - I would be

Je voudrais être - I would like to be

J'aimerais - I would like

Je devrais – I should

J'irais – I would go

J'aurais – I would have

G

Using a combination of tenses

Use the **present tense** to talk about what somebody does now, e.g. *il crée des vêtements*.

Use the **perfect tense** to say what somebody did or has done, e.g. *il a travaillé très dur.*

To say what he or she **was like**, use **il/elle était** + an adjective, e.g. elle était courageuse.

- Look closely at verbs to distinguish between past, present and future: on a mangé/on mange/on va manger.
- Sometimes, time expressions can give you a clue. For example, which time frame does l'année dernière refer to?
- However, time expressions are not always helpful! *Cette année* (this year) could refer to the past, the present or the future.

The word order changes!

In French, the direct object pronoun goes before the verb!

Je <u>l'admire</u> = I admire her/him

Je l'aime = I like her/him

Je le déteste _ I hate him

Je la déteste = I hate her

M Monté R Rentré Sorti Venu TO CLIMB TO GO BACK IN TO GO OUT TO COME

Arrivé

Né

TO BE BORN

TO GO DOWN

TO ARRIVE

Descendu

Entré

Retourné

TO RETURN

TO ENTER

Tombé

Resté

Allé

Mort

M Mor

Parti

TO FALL DOWN

TO STAY

TO GO

TO DIE

TO LEAVE

Direct Object Pronouns in French

Noun	Direct Object Pronoun
Him	le
Her	la
Them	1es
It	le/la

"Depuis"

- "Depuis" is the word used in French when you want to say you have been doing something for a certain length of time.
- You use "depuis" when you are still doing the activity.

"Depuis"

- · 5o..
- In "I have been playing football for 2 years" we would use "depuis" to translate "for".
- In "I played football for 2 years" we wouldn't use "depuis" because I am not still playing football.





Depuis

 In French, we have to use the present tense rather than the past tense in sentences with "depuis".



Connectives/Conjunctions

 \mathbf{v} – and también – also **o** - or con - with porque - because ya que - because si - if pero - but sin embargo - however al otro lado on the other hand **aunque** – vet/however mientras que – whilst además – furthermore como – like, as por ejemplo – for example entonces - so/therefore así que - so/therefore **afortunadamente** – fortunately desafortunadamente - unfortunately

Positive opinions

Me encanta – I love

Me gusta - I like

Me gusta mucho – I really like

Prefiero – I prefer

Me mola – I love

Me chifla - I love

Me interesa – I'm interested in

Lo que me gusta es – What I like is

Lo mejor es – The best thing is

Me encantaba – I loved

Me gustaba – I liked

Negative opinions

Odio – I hate

No me gusta – I don't like

No me gusta nada – I don't like at all

Detesto – I loathe

No aguanto - I can't stand

¡No es para mí! – It's not my thing/cup of tea!

Estoy en contra – I am against

Odiaba – I hated

Adverbs / Qualifiers

 $\boldsymbol{muy}-very$

bastante – quite

sumamente - really

debido a – because of

gracias a - thanks to

un poco – a bit

mucho – lots

demasiado – too much

así - rather

siempre - always

tan – so

muchísimo – extremely

Sequencing words

primero - firstly

entonces – then

luego – next

después– after

más tarde – later

finalemente - finally

Giving an opinion

En mi opinion In my opinion

Pienso que I think that

Encuentro que I find that

Creo que I believe that

Desde mi punto de vista -

From my point of view

Para mí – For me

Positive adjectives

fantástico/a - fantastic

genial - great

fenomenal – great

bueno/a - good

interesante – interesting

importante - important

entretenido/a - fun

asombroso/a – brilliant/amazing

increíble – incredible

emocionante – exciting

impresionante – impressive

agradable - nice

útil – useful

práctico/a - practical

fácil - easy

delicioso/a – delicious

guapo/a – beautiful/attractive

Negative adjectives

malo/a- rubbish

monótono/a – boring

tedioso/a - boring

fatigante - tiring

horroso/a – awful

molesto – annoying

un rollo – annoying / a pain

desagradable – unpleasant

espantoso/a—scary/frightening

inútil – useless/pointless

difícil - difficult

asqueroso/a - disgusting

feo/a - ugly

LC4 peaking skills

Present tense

- Tengo I have
- Soy I am (perm)
- Estoy I am (temp)
- Voy- I go / I'm going
- Hago I do / I'm doing
- Juego
 I play/ I'm playing
- **Veo** I watch
- Nado I swim
- Escucho I listen
- Leo I read
- Uso Luse
- Comparto I share
- Envio I send
- Hablo I speak
- Charlo I chat
- Como I eat
- Bebo I drink
- Quiero I want
- Puedo I can
- **Debo** I must
- Salgo I go out
- Estudio I study
- Llevo I wear
- Trabajo I work
- Paso I spend (time)
- Viajo I travel
- Me quedo/alojo I stay
- Vivo I live
- Hay there is
- No hay there isn't
- Es it is / he/she is

Preterite tense

- Fui I went
- Fue it was
- Hice I did
- Jugué I played
- Nadé I swam
- Vi I watched
- Escuché I listened
- Leí I read
- Usé I used
- Compartí I shared
- Envié I sent
- **Estudié** I studied
- Comí I ate
- **Bebí** I drank
- Quería* I wanted
- Tuve que* I had to
- Dormí I slept
- Trabajé I worked
- Pasé I spent (time)
- Viajé I travelled
- Visité I visited
- **Compré** I bought
- Recibí— I received/got
- Salí I went out
- Me quedé/alojé I staved
- Volví I returned
- Nací I was born

+ infinitive verb phrases

- antes de (+ inf) before (doing something)
- para (+ inf) in order to...

Imperfect tense

- Era it was / was
- Era I was / I used to be
- Tenía I had / I used to have
- Hacía I was doing / I used to do
- Jugaba I was playing / I used to play
- Iba I was going / I used to go
- **Había** There was / There were
- Hacía sol / calor It was sunny/hot

Near future tense

- **Voy a + inf** I'm going (to...)
- Voy a ir I'm going to go
- Voy a hacer I'm going to do
- Voy a jugar I'm going to play
- Voy a comer I'm going to eat
- Voy a beber I'm going to drink
- Voy a estudiar I'm going to study
- Voy a ver I'm going to see
- Voy a pasar I'm going to spend (time)
- Voy a salir I'm going to go out
- Voy a celebrar I'm going to celebrate
- Voy a dar I'm going to give
- Voy a ayudar I'm going to help
- **Será** it will be (future tense)
- **Habrá** there will be (future tense)

hay que (+ inf) – it is necessary to...

No hay que (+ inf) – we mustn't...

Es importants (+ inf) – it is important to...

Se puede (+ inf) – we/you can ...

No se puede (+ inf) – we/you can't...

Tenemos que (+ inf) – we must / have to...

Conditional tense

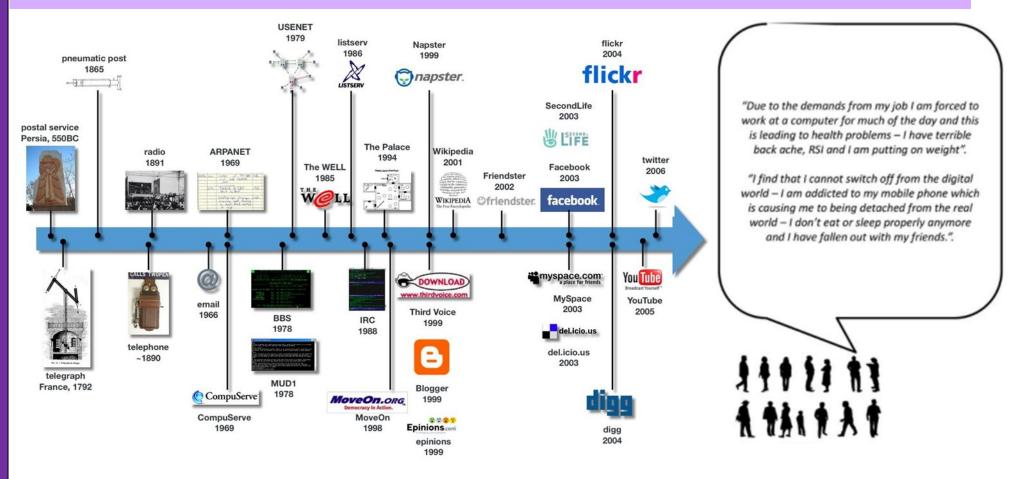
- Me gustaría I would like
- Quisiera I would like
- Sería it would be
- Me gustaría... I would like
- ...ser to be
- ...ir a to go to
- ...hacer to do
- ...probar to try (food)
- ...tener to have
- Iría I would go
- Haría I would do
- Sería I would be
- Tendría I would have
- Trabajaría I would work
- Viviría I would live
- **Preferiría** I would prefer
- Podría I could
- **Debería** I should
- Diría que I would say that...





ICT

Cycle 4 will focus on the history of computing including key historical figures and the computers they created. We will also be looking at the ethical issues presented by using computer based technology.

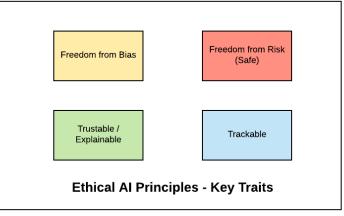


Useful Links:

https://www.livescience.com/20718-computer-history.html

https://www.computerhistory.org/timeline/computers/

https://www.bbc.co.uk/bitesize/guides/zbgg4qt/revision/1



Vocabulary	Definition	
Environmental	Relating to the natural world and the impact of human activity on its condition.	
Ethical	Relating to moral principles of right and wrong.	
Legal	Relating to the law.	
Cultural	Relating to the ideas, customs, and social behaviour of a society.	
Privacy	The state of being free from public attention.	
Digital Footprint The information about a particular person that exists on the internet as a result of their online act		

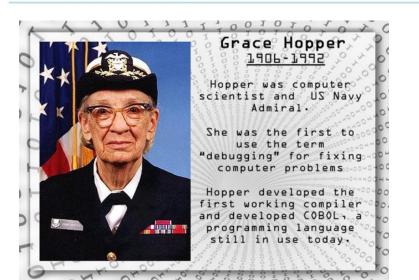
THE		Cultural Divisions	
ing something legally is ding by the law and not aking the law. If you break law, you could get into uble with the police.	Technology and Computer Science have had a massive impact on our environment, local and globally. Some of the impacts are good, but many are bad. We all have a responsibility to help protect the environment	Computer Science technologies have had a great effect on the way people live, work and relate to each other	
t many areas of computing in	cluding privacy, sharing of informati	on, hacking and the environment	
Something may be ethical but not legal Something may be legal but not ethical Decisions are often made based on what is right or wrong on someone's opinion Data Protection Act (DPA 1998) General Data Protection Regulation (GDPR 2018) The Computer Misuse Act (1990) Copyright Designs and Patents Act Creative Commons Licencing		The digital divide Age divisions The global divide Social media Society's use of technology	
	ding by the law and not aking the law. If you break law, you could get into uble with the police. It many areas of computing in Data Protection Act (DPA 1998) General Data Protection Regulation (GDPR 2018) The Computer Misuse Act (1990) Copyright Designs and Patents Act	ding by the law and not aking the law. If you break law, you could get into uble with the police. Science have had a massive impact on our environment, local and globally. Some of the impacts are good, but many are bad. We all have a responsibility to help protect the environment to help protect the environment to help protect the environment. Data Protection Act (DPA 1998) General Data Protection Regulation (GDPR 2018) The Computer Misuse Act (1990) Copyright Designs and Patents Act Licencing Science have had a massive impact on our environment, local and globally. Some of the impacts are good, but many are bad. We all have a responsibility to help protect the environment. Energy creation and consumption. Technology refresh Technology waste Throw-away society, regular upgrades to hardware (business and home) when not necessary recycling	

Stakeholders and the issues Moral Cultural Privacy Legal Stakeholders Environmental



Ada Lovelace

Daughter of the poet Lord
Byron, this English
mathematician is considered to
be the first computer
programmer. Let me be clear:
not the first woman
programmer, the first person
programmer. Ada published an
algorithm that could be
executed in Babbage's analytical
engine (if it had been build).



A -l - 1 ---- HO 4





DESIGN & TECHNOLOGY

- Design & Technology
- Food & Nutrition

The 3 LED Star is a board designed for low power lighting, such as desk lamps or accent lights.

The board is designed such that it is well within the of the supply rating of a computer USB port (under 100mA)

The triangular shaped PCB has been sized to fit inside a 20mm diameter, and is provided with a single, central mounting hole.



NOTE: Care should be taken when soldering to the + and – pads so that the surface mount LEDs are not inadvertently damaged



Knowledge Organiser





M is for Material

Pipe Bending

Is a metal forming process used to permanently form pipes or tubing into the shape of a die. Straight tube can be formed using a bending machine to create a variety of single or multiple bends and to shape the piece into the desired form. This process can be used to form complex shapes out of different types of **ductile** metal tubing. However, if the metal tube is not bent properly it will collapse leaving the wall of the pipe wrinkled and deformed. When bent the metal is **work hardened**.







Rotary benders

Here we can see a hand held rotary bender. You simply place the pipe in the rounded channel. Fit the grooved straight block on the outer edge. Use the lever handles to apply pressure against the straight block. Now continue levering so that it gradually draws the pipe around the circular block, bending the pipe as it goes. Bend to the desired angle, then release the handles to remove the pipe.



Flexible Springs

The simplest method of bending a pipe is to us a flexible spring inserted into a pipe to support the pipe walls during manual bending. The spring stops the pipe form collapsing inside. They have diameters only slightly less than the internal diameter of the pipe to be bent. The spring is pushed into the pipe until its centre is roughly where the bend is to be. The pipe is generally held against the flexed knee, and the ends of the pipe are pulled up to create the bend. They are less cumbersome than rotary benders, but are not suitable for bending short lengths of piping.







Design

Communication of design ideas

Knowledge Organiser

During this topic you will learn different ways that designs can be communicated and modelled.

Sketching & annotation

Sketching is a great way of getting initial design ideas down quickly on paper. More detailed sketches can be made for more advanced designs and to specify particular details, such as product dimensions and materials.

Annotation can be added at any point to show key parts, sizes, materials, components and construction. The use of shading, colour and different viewpoints can be an easy way of communicating initial ideas.



3D Modelling

Modelling involves making simplified versions of the design that can be tested against the design specification too see if the basic design concept is likely to work.

Models should ideally be made of low cost materials that are similar to the materials intended for the final product.

Making a model allows designers to visualise and test how a product looks and performs in 3D.

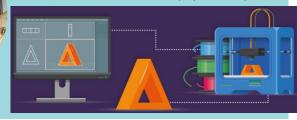
Computer modelling

Products can be digitally modelled in detail and viewed from any angle. **CAD** allows for extensive testing under various specific conditions, such as air pressure, forces and temperature, these are called simulations.

Prototypes can be full size or a smaller scale version. Materials used include paper, fabric, cardboard, Styrofoam or HIPS.

3D printing

3D printing is a form of manufacturing using thin layers of a material to build a physical object.



BURGUND> BACK SIDE

Communication techniques

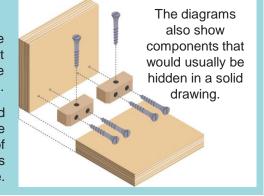
These show how the parts of a product fit together and where components should go. They are often used to show how to put together flat-pack furniture or model kits.

Exploded view

M7.45:15

These show how a product can be assembled and how the separate parts fit together, with dotted lines showing where the parts slide into place.

Exploded diagrams can take the place of detailed written instructions, meaning they can explain the construction of something without the barrier of different languages. They are widely used as instructions for self-assembly furniture.

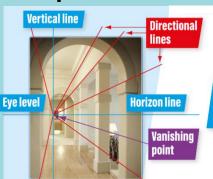


esign and lechnology

Knowledge Organiser

Communication techniques

Perspective drawings



Provides a more realist view by using two vanishing points

on either side of the object.

Horizon line

Directional

lines

Eye

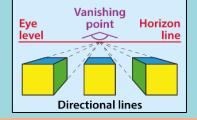
Vanishing

point

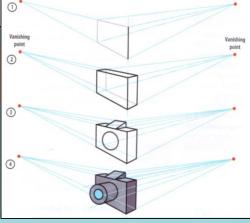
Perspective drawings provide a realistic representation of how objects are seen. As in real life, the further into the distance an object is, the smaller it appears.

If you stand at one end of a corridor and look down it, you will notice the walls and ceiling appear to converge (meet at a point).

The horizontal, vertical and directional lines can be extended back but will always meet at the vanishing point, which is on the horizon line.

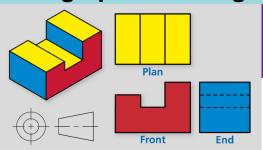


Shows an object as it appears directly in front of the viewer. All lines lead to the one vanishing point.



Two-point perspective

Orthographic drawings



Key Outlines Projection/

construction lines

Centre lines

Hidden details **Dimension lines**

The plan view is drawn at the top, the front view is directly below this and the end view is positioned next to the front view.

Orthographic drawings are often used in manufacturing because they provide detailed information about the design.

Orthographic Drawing Conventions For clarity, lines and dimensions must conform 32 to British Standards.

Computer Aided Design

CAD is commonly used by designers to create design ideas, develop and model 2D and 3D products and manipulate before manufacturing.

e.g. 2D design, Autodesk Inventor (3D)



Computer Aided Manufacturing

CAM uses Computer numerical control (CNC) to create CAD designs. The CAD software creates coordinates for every part of the design, and the CAM machine then interprets the coordinates to manufacture the design.

e.g. Laser cutter, 3D printer, CNC router and CNC lathes

Metals are usually produced from rocks mined from the earth, called ore.

Metals can be divided into two groups

Metals can be divided into two groups - ferrous metals and non-ferrous metals

Ferrous Metals

The word ferrous comes from a latin word ferrum, meaning iron. Ferrous metals are metals which **contain iron**. Most ferrous metals are prone to **rusting** and are **magnetic**, which are properties of iron.

Non-ferrous Metals

Non- ferrous metal is a group of metals that **do not contain iron** and are therefore not magnetic and do not rust.

Metal surface finishes

Prevents corrosion of metals by creating a barrier and enhances the aesthetics (appearance) of metals. E.g. paint, plastic dip coating and lacquering.

Knowledge Organiser

During this topic you will learn the types, properties and uses of metals.

Key word	Definition
Hard/ Hardness	The ability to resist deformation, indentation and wear and tear.
Malleable/Malleability	The ability to be pressed or bent into shape, and hold that new form.
Ductile/Ductility	The ability to reshape the metal by stretching.
Thermal conductivity	The ability to transfer heat through the material.
Electrical conductivity	The ability to allow electricity to pass along it.
Tough/Toughness	The resistance to indentation or scratching.

Alloys

Pure metals are made up from only one chemical element, such as aluminium or copper.

An alloy is a metal which contains more than one metal or non-metal elements. This is usually done to improve the properties of the metal. Alloys can be ferrous or non-ferrous, depending whether they contain iron.

E.g. Brass is a non-ferrous alloy

Copper + Zinc = Brass

Stainless steel is a ferrous alloy

Iron + Carbon + Chromium = Stainless steel

		non terrous, depending v	٠
Non-ferrous metal		Properties	
Aluminium		Lightweight, corrosion resistant, malleable, tough, high electrical and thermal conductivity.	
Copper		Tough, corrosion resistant, high electrical and thermal conductivity	
Zinc		Corrosion resistant, ductile. Used mainly for plating (covering) metals like steel and iron.	
Brass	1	Alloy – Copper, Zinc Corrosion resistant, good thermal and electrical conductivity.	

V	whether they contain from.			
	Ferrous metal		Properties	
	Cast Iron	A STATE OF THE PARTY OF THE PAR	Iron + Carbon (2-4%) Hard skin but brittle, soft core. Good in compression Poor corrosion resistance	
	Mild Steel (low carbon steel)		Iron + Carbon (0.25%) Malleable, ductile, tough. Poor corrosion resistance	
	Stainless Steel		Alloy – Iron + Chromium and other elements. Corrosion resistant Hard, tough.	
	High Speed Steel		Alloy – Iron + Carbon + Tungsten Brittle, hard.	

Modifying the properties of metals

Annealing is a process that softens metal to make it more malleable and ductile so that it can be worked on again. It involves heating the metal to a specific heat temperature then allowing it to cool slowly.

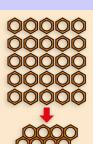
The process can be carried out repeatedly whenever the metal becomes hard and brittle again.

Planning, cutting and shaping

When cutting shapes from materials, try to determine the best way to organise the shapes so that as many as possible can be cut from the least amount of material, here are two examples:

Arrange shape efficiently and close together. Reduces amount of waste material between each shape.

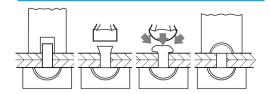
Nesting



0000



The riveting process

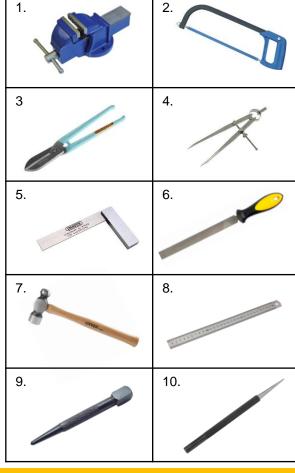


Tessellation

Used for shapes that fit perfectly together with no space between them. Waste material is kept to the edge.

The rivet set is used for setting or pressing together metal plates so that the rivet is pulled all the way into the rivet hole. The hole in the rivet set should be the same diameter as the rivet being used. The rivet snap (dolly) supports the head of a snap or round headed rivet during the process of riveting. A second dolly is used to finish the snap or round head to the correct shape. A combined set and snap incorporates both pieces of equipment in one tool. They are available in a range of sizes to match the rivet's diameter.

During this topic you will learn new tools for shaping metal and production planning.



	Tool name	Use		Tool name	Use
1.	Metal vice	To hold work whilst cutting/ filing.	6.	File/s	Removes fine amount of material from work.
2.	Hacksaw	Cutting straight lines in metal.	7.	Ball pein hammer	Use to shape metal/ or use with centre punch.
3.	Tin snips	Cutting straight lines in sheet metal.	8.	Steel rule	Measuring material in mm.
4.	Dividers	Marking circles or arcs on materials.	9.	Centre punch	Make an indent in metal before drilling.
5.	Engineers Square	Marking perpendicular lines on a material.	10.	Scriber	Use to mark out lines/ design on metal.





Allergens

Some people may develop an allergy to peanuts or to the gluten in wheat. If they eat foods containing these, they may become very ill, and possibly die.

The 8 most common food allergies include:

- · Cow's milk
- Eggs
- Tree Nuts
- Peanuts
- Shellfish
- Wheat Sov
- Fish









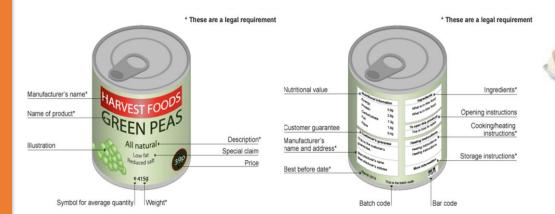


Symptoms can occur anywhere from a few minutes after exposure to a few hours later, and they may include some of the following:

- Swelling of the tongue, mouth or face
- Difficulty breathing
- Low blood pressure
- Vomiting
- Diarrhea
- Hives
- Itchy rash

In more severe cases, a food allergy can cause anaphylaxis. Symptoms, which can come on very quickly, include an itchy rash, swelling of the throat or tongue, shortness of breath and ow blood pressure. Some cases can be fatal

Food Labelling Regulations (1996)



Knowledge Organiser

Environmental Health Officer (EHO)



If a business prepares or serves food it must be registered it using either the food business registration service on GOV.UK or via the local authority website.

The Environmental Health Officer's (EHO) role is to inspect premises in order to ensure the food a establishment produces is safe to eat.

FOOD HYGIENE RATING 0 1 2 3 4 5

At the end of their visit, in England, Wales, and Northern Ireland, they will present the establishment with a score

Food Hygiene Rating scheme of 0 - 5. The scheme is standardised across England and Wales to maintain a consistent assessment of safety standards. Any business should be able to achieve a "5 - very good" rating.

Scotland has its own equivalent system but will either issue a "pass" or "improvement required" rating.

If an establishment is perceived as high risk, officers will inspect it every 6 months. If it is low risk, EHO officers may visit every 5 years. The risk depends on the type of business (for example, restaurants are higher risk than a shop selling packaged food), and the level of concern a business has caused from past inspections.

Food Sources of common allergens

Like a tree nut allergy, peanut allergies are very common and can cause severe and potentially fatal allergic reactions. However, the two conditions are considered distinct, as a peanut is a legume. Nevertheless, those with peanut allergies are often also allergic to tree nuts too. While the reason people develop a peanut allergy isn't known, it is thought that people with a family history of peanut allergies are most at risk.

TREE NUTS

Brazil nuts Almonds Cashews Macadamia nuts **Pistachios** Pine nuts Walnuts



COW'S MILK

Milk, Milk powder, Cheese Butter, Margarine, Yogurt, Cream. Ice cream



SHELLFISH

Shrimp, Prawns, Crayfish, Lobster, Squid, Scallops

COMMON CAUSES OF FOOD SPOILAGE

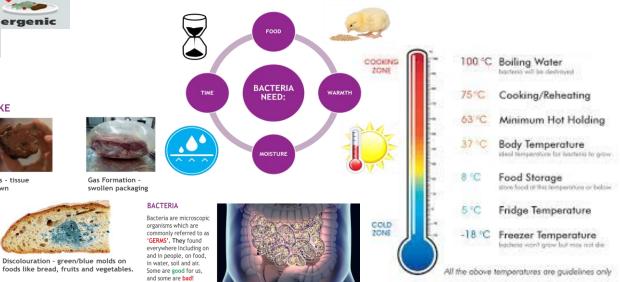
Chemical

Odour - break down of

proteins (rotten egg smell)

Bacteria need 4 things to grow:

Knowledge Organiser



Food Poisoning Bacteria

Microbiological

Salmonella

Clostridium **Perfringens**

Staphylococcus Aureus

Campylobacter

E-coli

Listeria

Bacillus Cereus

Symptoms

Sourness - production

of acid, sour milk

Physical

WHAT FOOD SPOILAGE LOOKS LIKE

stomach-ache

Tiredness/Fatigue

no energy, weakness



raised temperature

Allergenic

Sliminess - tissue breakdown

being sick



Nausea feeling of sickness

thumping/pounding

in extreme cases

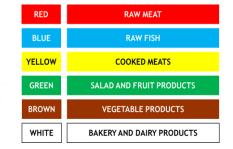
AT RISK GROUPS



Pregnant Women

People with weakened immune systems

nedications that may suppress the



Personal Hygiene







CREATIVE

- Art
- Drama
- Music

Cycle 4 in Art will focus on: Your personal project

You will be researching an artist of your choice and develop a secure understanding of their work. You will be assessed on your own response to their work.

KEYWORD LOG – Personal project

Art Terms	Definition	
Experiment To extend the boundaries of the art in terms of materials or techniques.		
Research	To gather and record relevant information about a specific thing	
Refine	When refining an artwork we must seek to remove unwanted elements from our creation.	
Composition Is the arrangement or placement of visual elements in a piece artwork.		
Inspiration The process of being mentally stimulated to do or feel somethi especially to do something creative		
Design A plan or drawing produced to show the look, function or work of an object before it is made		
Visual recording	To visually represent your ideas through mark making and use of	

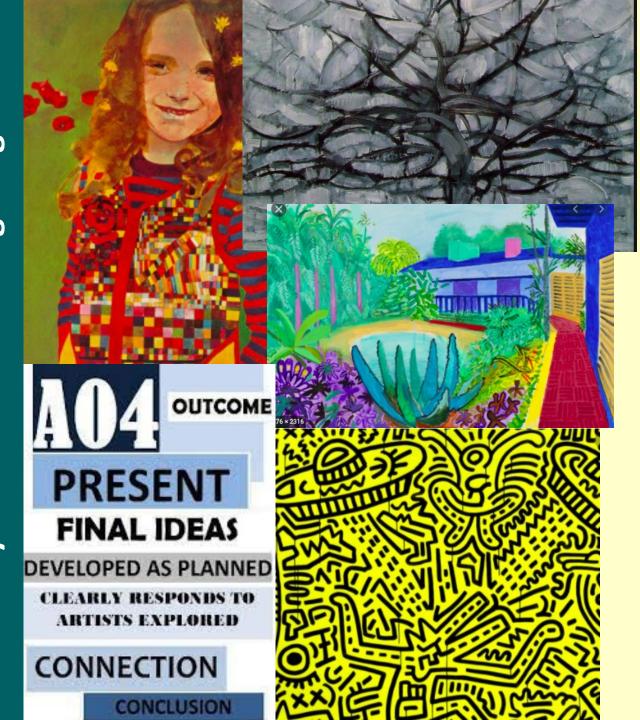
This cycle we will be developing an understanding of how to research an artist and develop your own ideas from this.

You will be able to combine your research with learning from previous cycles on the visual qualities to produce personal outcomes inspired by the artist that you choose.





It is really important that you spell the art terms correctly. Take some time to learn the spellings of these words.



1-

You will be able to choose an artist to research and analyse an example of their work.

Personal project

2-

You will be able to experiment with different ideas relating to your artist and then refine your work as it develops.

3-

You will be able to record your ideas through drawings, designs and annotations

4-

You will be able to produce an outcome or outcomes showing your artist inspiration as well as your own ideas.

Cycle 4 in Drama will focus on: exploring extracts from Godber's play's *Bouncers and Shakers*, considering playwrights intentions as well as developing multi-role techniques to communicate a character to the

audience.

KEYWORD LOG - Bouncers

Drama Skill	Definition
Blocking	The process of putting together your piece. Blocking is deciding where the actors should stand, sit or move to and then setting and rehearsing it.
Body language	An acting skill. The way you use your body to express your characters feelings and attitudes.
Characterisation	The act of changing your voice, body language, movement, stance, posture, facial expressions and gesture to become a character. Characterisation is the act of changing yourself physically to become another person in a drama.
Cross-Cutting	A stage split in two or more sections to highlight a different location or time period happening at the same time on stage
Direct Address	Directing all speech and action to the audience.
Facial expressions	An acting skill. The way you use your face to express your characters feelings and emotions.
Multi-role An actor playing more than one character	
Pace	The speed of movement/speech
Performance	An act of presenting a play, concert or other form of entertainment.
Physicality	The shape/posture of the body Characterisation The creation of a character – voice, physicality, facial expressions
Projection	The volume and clarity of your voice
Proxemics	The distance between the characters to show their relationship.
Transition	The process of moving from one scene or set to the next.



Bouncers is a play about one night in a Yorkshire disco in the 80s.

The characters of in this play are bouncers who are working on the door of a nightclub and the different characters they meet.

Shakers is a play about a group of girls who work in a trendy cocktail bar and the different characters that visit their bar.

The play focuses on the reality that is behind the fake façade of the happy smiling faces of the waitresses.

Both plays focuses on the weekend culture in a working class environment. Both plays are comedies, highly physical and requires minimal set.



John Godber

From Upton, a working class part of West Yorkshire.

Godber has made his place of birth a focal point for his plays.

One of his aims is to reflect the lives of the people around him and the challenges that working class people face.

Born in 1956, he is the son of a mining family who went on to be a drama teacher at the school he went to as a child.

He has written 17 plays and has directed all of their first performances.

Godber sets his plays at the time of writing as he aims to reflect life as he sees it around him and to attract contemporary audiences.

His influence comes from the world around him, his own experiences and the people that he meets and so the majority of his plays are set in the North West and are based around working class characters.



Godber-esque

John Godber has developed a distinctive style of writing that appeals to a wide range of audiences. He creates worlds and characters that ordinary people can relate to. Godber wrote his first, and to date most successful play, 'Bouncers' in 1977 and continues to write and direct to the present day.



Godber writes with a fast paced and energetic style to keep audiences on their toes and intrigued about what's coming next. Although his work has varied throughout his extensive career, there are a number of recognised techniques and devices that John Godber uses, and his experimentation with theatrical convention has become a trademark.

Many conventions of Brecht can be seen in 'Bouncers and Shakers' – multi role-play, direct address, music, minimal set and props, changing characters on stage. These are designed to keep an active audience.

Aims

- Godber believes in theatre for the masses and so explores universal themes in his plays.
- He believes in the theatre as an instrument of social change for the better.
- Using comedy to engage the audience but also to make them think. He described 'Teechers' as a comedy that was 'deadly serious' as it made audiences laugh but then question the fairness of the education system.

Conventions

- Use of stereotypes or 'stock' characters.
- Colloquial language dialogue is largely realistic and conversational.
- Direct address is used to engage the audience and involve them in the action of the play.
- Actors use multi role actors need to use precise vocal and physical skills to portray distinctive characters that the audience can easily recognise.
- Social commentary veiled in humour
- Episodic structure with quick paced scenes
- Music is used to add atmosphere to a particular moment or to enhance the meaning of a scene.

Film Music – Cycle 4

Music in a film is there to set the scene, enhance the mood, tell the audience things that the visuals cannot, or manipulate their feelings. Sound effects are not music!

Some music is **composed specially** for a film. Much of this is broadly classical in style.

Some music used in film soundtracks was composed for other (non-film) purposes, but is **adopted** for use in a film because it fits the film-maker's intentions.

Sometimes a song, usually a pop song, is used as a **theme song** for a film. This helps with marketing and **publicity**.

Instruments & Common Associations (Musical Clichés)		
Woodwind	Natural sounds such as bird song, animals, rivers	
Bassoons	Sometimes used for comic effect (e.g. a drunkard)	
Brass	Soldiers, war, royalty, ceremonial occasions	
Tuba	Large and slow-moving things	
Harp	Tenderness, love	
Glockenspiel	Magic, music boxes, fairy tales	
Timpani / Drums	War, fighting, thunder	
Strings	Often used to portray emotions : passion, grief, etc.	
Tremolo Strings	Tension, fear, drama	

KEY TERMS

Metronome	A click track that helps the composer follow the PULSE
Cues	The parts of the film that require music . This is agreed between the director and the composer.
Diagetic	Music that is part of the action: The characters can hear it!
Non- diagetic	Music that is NOT part of the action: The characters CANNOT hear it.
Leitmotif	A short melody that is associated with a character or idea in a film.
Mickey Mousing	When the music fits precisely with a specific part of the action in a film.
Sync Point	A precise moment where the timing of the music needs to fit with the action.
Underscore	Where music is played at the same time as the action or dialogue.



John Williams composed the music for Star Wars, Jaws and Indiana Jones

KEY COMPOSERS

John Williams, Hans Zimmer, Danny Elfman, Rachel Portman, Anne Dudley





PE

Cycle 4 Knowledge Organiser

QR code to basic cricket rules video





Basic Rules

Players: 11 players per side.

The game: A run is scored when the batsmen at either end cross and reach the opposite end before the fielders can take the bails off the stumps.

How to score: A run is scored when the batsmen at either end cross and reach the opposite end before the fielders can take the bails off the stumps.

If you hit the cricket ball over the boundary without it bouncing you get 6 runs. If you hit the ball over the boundary but it bounces before going over, you get 4 runs. The team that scores the most runs, wins.

A batter is out if:

If the batter leaves the crease and the keeper stumps the wickets.

A batter is caught out when they hit the ball in the air and a fielder catches it without it touching the floor.

If 2 batters are running between the wickets and a fielder throws the balls at the stumps without the batters being in the crease they are run

deliberately hit the ball in the same You double hit when you movement more than once.

Leg before wicket When you are hit in the leg by the ball, in line with the stumps which could have gone on to hit the stumps

It is a no ball:

If when bowling you over step the crease line it is a no-ball.

If you bowl a ball and it bounces more than 2 times before the batter it is a no ball.

If you bowl a ball above waist height it is a no-ball

If you bend your arm more than 15 degrees while bowling it is a no-ball.

The same bowler can not bowl consecutive overs.

A wide ball is called when the ball is out of reach of the batter in his How to test: Ruler drop test original stance.

Speed

The ability to move your body or some parts of your body quickly.

Principles of Training

How to test: 30m sprint test

Strength

The extent to which a muscle or muscle groups can contract against resistance

How to test: 1 rep max/ hand grip dynamometer

Physic

Ω

 \mathbf{Q}

CC

ation

Agility

Being able to move quickly and change direction under control

(e.g. weaving between objects or opponents in a zia-zaa motion).

How to test: Illinois agility run

Coordination

The ability to use two or more body parts together accurately and fluently

How to test: Alternate hand wall toss

Reaction time

The length of time a performer takes to respond or move when they see something happening.

TBAT understand rules of cricket and identify principles of training