

Monday 21st April	Week A
Monday 28th April	Week B
Monday 5 <sup>®</sup> May	Week A
Monday 12. May	Week B
Monday 19 <sup>₅</sup> May	Week A

**Please note:** Maths homework will be on an online platform for this term. It will be set and checked weekly separately from the timetable.

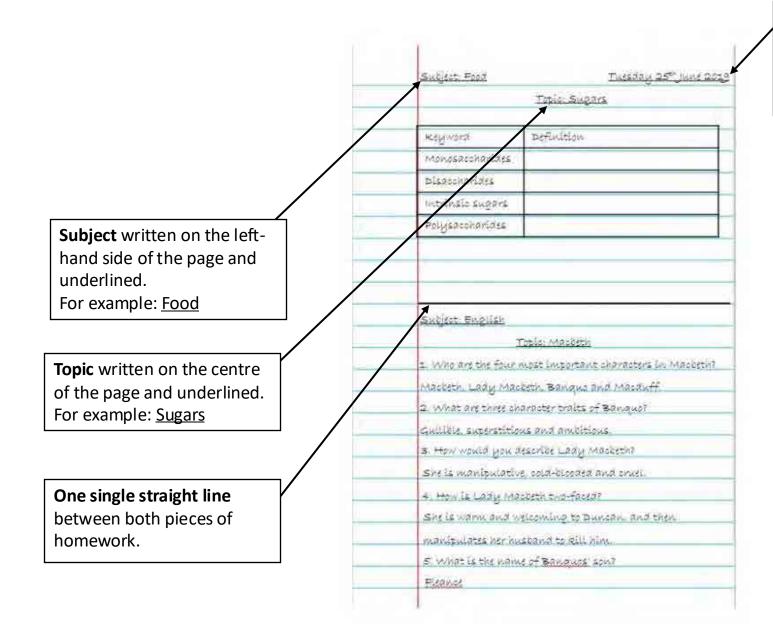
# Knowledge Organisers 2024-25 Year 9 – Term 5

Complete your homework on the night stated e.g. if it is a Monday Week A you will complete ICT/DT

	Week A	Week B
Monday	ICT/DT	MFL
Tuesday	English	English
Wednesday	Science	Science
Thursday	History	Geography
Friday	RS	Music/Art

Contents	This Knowledge (	P Drganiser is to help you see the key information for each subject for this term. You can use this to help
How toPg 2-3	you both with ho	mework and with revision, supporting your learning at home. In the table below you will find the ach subject to be completed on the correct day.
<b>Art</b> Pg 4		
omputingPg 5	Subject	Tasks
ramaPg 6-7	Maths	Homework question tasks/sets will be set weekly on an online platform. You will have one week to complete this online, before it is checked for competition and the next set is
<b>T</b> Pg 8		published.
nglishPg 9-10	Science	For term 1 this will be directed by your classroom teacher. It could involve an online platform too.
oodPg 11	English	Using the separate question booklet, divide your homework book page in half length ways,
r <b>ench</b> Pg 12-14		write the questions out on the left hand side. First, attempt to answer the questions from
eographyPg 15		memory/your own knowledge. Then use your knowledge organiser booklets to check your answers and fill in the missing ones.
<b>ierman</b> Pg 16-19	MFL	Find the correct date in the KO and the question booklet. With the list of 10 key words for that
istoryPg 20		week, complete the look – say - cover – write – check method in your homework
<b>/laths</b> Pg 21-23		book. Complete this process for each word/phrase 4 times each.
<b>1usic</b> Pg XX	Geog/Hist/RS/ DT/Computing	Same process as outlined for English above. DT and ICT/Computing have 5 questions and not 10.
<b>E</b> Pg 24	Music/Art	For music and art, you will have two practical tasks to complete each term for each
<b>S</b> Pg 25-27		subject. These will be found in the question booklets and will be checked by you classroom
ciencePg 28-36		teacher.
<b>panish</b> Pg 37-39	At the back of	of this booklet, you will find: Sentence starters, a history chronology, DT sentence starters, a
extilesPg 40		periodic table, maps of the world, subject websites, a RAG sheet and a timetable.

# How to present your homework:



**Date** written fully on the righthand side of the page and underlined. This should be the day you complete the homework.

# Home Learning Strategies to help you revise

## **Brain Dump**



Write down everything you know about o certain topic on a page. Use your KO to add extra notes in a different colour.

## Mind Map



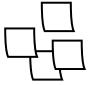
Condense a topic showing the important links and connectors between key parts. Use your KO to add in extra notes.

# Diagram



Draw a clear diagram for a subject including labels and key features. Make sure you use correct vocabulary and spellings.





Complete a comparison table showing two different sides of a topic. Can you use it to create an argument for one viewpoint?

## Vocabulary



Learn the key words associated with a topic and commit the word and spelling to memory. Test yourself or ask someone else to test you.

## **Retrieval Quiz**



Write key questions about a topic as well as the answers. Use the content of the KO to help you. Check to see if you can remember the answers without looking.

# Pg 4

# Year 9 Memento Mori

Content: In this project you will

Knowledge-of different artists who create portraits

Understand-What inspired artists to create their work and how to write about the work

Skills-drawing, collage, painting, printing, showing the influence of other artists in your own work and presentation

Outcomes- Self portraits, celebrity portrait, mixed media portraits, prints, drawings, collage.

C

CO





Tim Fowler- In 2018 Tim Fowler put together a week long performance exhibition at the LCB Depot Gallery space. He started out with 100 blank canvases in a 25 x 4 grid. Over the next few days he worked day and night to paint 100.skull paintings.



Gemma Compton- Gemma Compton is a Bristol-based artist and fashion designer.

Gemma Compton's vanitas paintings are contemporary works that explore the fragility and strength of life.



#### Keywords

Memento Mori-(Latin for 'remember that you [have to] die') is an artistic or symbolic reminder of the inevitability of death. Some artists use symbols such as houralasses and wilting flowers and skulls that signify the impermanence of human life.

Vanitas - Vanitas is a type of still life painting that conveys the fleeting nature of life and the vanity of worldly desires

Illustration - a drawing or picture in a book, magazine, for decoration or to explain something .



#### Analysis

All artist research pages should be annotated

#### Artwork-

.

- Artist name
- Describe the work-what does it look like?
- Use the formal elements i.e. colour, line etc.
- What techniques/materials were used?
- What is your opinion of the work?
- How is it relevant to your own idea?

#### Sentence starters

I like/dislike the way the artist has used...because.

I think the colour scheme used is effective because ...

I think the artist has been inspired by...because

#### **Evaluation of Your Artwork-**

- What inspired you to create the piece?
- What techniques did you use and why?
- What does it mean to you?
- How is it relevant to your idea?



D	Deepening Exceptional, Sophisticated, Perceptive, Imaginative, Masterful.
O+	On Track (secure) Highly Confident, Refined, Thorough, Assured, In-Depth.
0	On Track (insecure Competent, Sustained, Informed, Refined, Thoughtful, Detailed.
Y	Yet to be on track— Attempted, Basic, Some, Uneven.
A	At an earlier stage— Partial, Limited, inconsistent.

# Computing: Term 5

## Number Bases

#### Denary Base 10 I

Base 10 Numbers:	128	64	32	16	8	4	2	1		1.1
23, 46, 2, 9	0	0	0	0	1	0	1	0	=	10
Binary	0	0	1	1	1	1	1	0		62
Base 2 Numbers:	1	0	0	0	1	1	1	1	1	143
01010101 Hexadecimal	8	4	2	1	8	4	2	1	1	1.1
Base 16 Numbers:	1	0	0	0	1	1	1	1	=	143
2B, FF, 5E, 88	Den	ary	1	3	Den	ary	1	5		1
20, 11, 52, 00	He	x:	- 1	3	He	x:	-1	Ê.	.0	8F

# **Binary Arithmetic**

#### Rules of Addition

0 + 0 = 0					1	1	1	14	
0 + 1 = 1		0	0	0	0	1	1	1	0
1 + 0 = 1 1 + 1 = 0 Carry 1	+	1	0	1	0	0	0	1	0
1+1+1=1 Carry 1		1	0	1	1	0	0	0	0

## Cyber Security:

Encryption - scrambling data, so it cannot be read if it is intercepted by someone who does not have the key.

Firewall – decides which traffic to block and accept on a network.

Malware - software designed to disrupt a computer system.

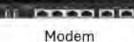
Computational thinking:	Variables:
Algorithm:	A memory location where values are
A sequence of instructions that carries	stored. The value can be changed later.
out a task.	E.g.:
Abstraction:	Data types:
The process of removing unnecessary	Each variable is associated with a data
detail in a problem.	type.
Decomposition:	String – any mix of letters, numbers and
Breaking down a task into manageable	symbols , e.g. "apple12" or "Miss Thomas"
tasks.	Integer – A whole number e.g. 42
	Real/float – A decimal number e.g. 3.14
Programming:	Boolean – True or False
Pseudocode – A way of representing	
algorithms using a common language.	Sequence – Executing instructions in
Python – A general-purpose	order.
programming language.	Selection – A decision or question. The

ion or question. The code makes a choice between two paths. Iteration - Repeating or looping code.

# **Network Hardware**

Modem - Allows a device to connect to the internet. Network switch – Connects devices together using ethernet cables. Wireless Access Point – Allows devices to send and receive data over the air (WiFi).

Wireless access Point





Switch

Material	8. Colour	C. Condit	ion D.		E. Fashion / purpose
otton	Bright oblaurs	Pressed and	inuned Pre	rtical .	Apreh .
ishmere	Dark colours	Clean / prist	ine Co	mfortable	Cardigan, jumper
lool	Dull / wore colo	ur Dirty	For	riat I	Dort process, dress
e	Mix-match	Wom	tig		Top. Shirt blocks shirt
ie.	Matching	Diate cased	Sho	rt sleive	rest top
lyester	Colours for labo	ur work. Rigs and hole	es Lor	g Serve	Trainers ( dapa
Dervin Colours that show worldt and status			ches Plowing (Unreasonabing)		Pencil skirs and blouse
elves	ensitian and appoint	s Heins droppi	ing Big	gy and loose	Roming draw
weed		Shiny	Tig	te and Rasing	Baner / jocker
		Patch work		enting labove linees i	Share Kesle / high hesle
<b>A</b>		Fraying edge	•		Driny shoes
$\mathbf{O}$		Scutted	, Los	g / short	Jesseked
Year 9 I	Drama	Costu	ume		
Headwear	G. Hok	Costu H. Foolwear	1 Accessorie		K. Makeup
Headwear		Costu	I. Accessorie Gold buttures	Rings	K. Mokeyp
Headwear ap / Truck ac cap	G, Hok Mercy and	Costu H. Foolwear Shoes with soles	1 Accessorie	and the second se	
Headwear ap / Truck ac cap sadband	<b>G; Holf</b> Mexty and dishevelled	Costu H.Foolwear Shaes with sales falling of	I Accessorie Gold bottom Embroidered	Rings Watch Looket	Epinfadow Mascara Rosontanian
Headwear ap / Truck ac cap nadband	G: Hok Maccy and dishevelled Un-styled	Costu H. Foolwear Shass with solies falling off Brogues	I. Accessorie Gold burtums Embraide ed emblem	Rings Watch	Epistadow Maxana
Headwear ap / Truck ar cap sadband hps	G. Holf Mexcy and July and July and July and Styled	Costu H.Foolwear Shaas with sales failing at Brogues High heels / cotettos	I Accessoile Gold buchms Embroidead amblem Tran	Rings Watch Looket	Epinfadow Mascara Rosontanian
Year 9 ( Headwear ap / Truck ar cap sizeband hips airband at (describe)	G: Hok Messy and dishevelied Un-styled Styled Growmed	Costu H. Foolwear Shoes with soles falling off Brogues High heels / solectos Shoes with holes	I Accessorie Gold burbons Embroide and emblern Tran Badge	Rings Watch Locket Brooch	Epistadow Mascaris Rocontación Biuther
Headwear ap / Truck ac cap aadband airband airband	G: Hok Messy and dishevelled Un-styled Styled Growned Farting Gelled	Costu H. Foolwear Shoes with soles falling off Brogues High heeld / solestos Shoes with holes Shoes with holes	I Accessoile Gold buctums Embersibued amblem Tran Badge Scart	Rings Watch Locket Brooch Paarl necklace	Epintradous Mascars Foundation Blather Lepinick / globs
Headwear ap / Truck ac cap nadband hips airband	G, Holf Massy and dahevelied Un-styled Styled Groomed Farding Gelled Missay burn	Costu H Foolwoor Shoas with soles falling off Brogoes High heek / coluctos Shoas with holes Shoas with holes Shoas with holes Shoas holeia / kitsaei heelt Shory laather shoes buffered	I Accessoile Gold buctums Embersibued amblem Tran Badge Scart	Rings Watch Locket Broach Pauri necklace Peuri earrings	Epininadow Mancaris Foundation Bluthen Lepinick / glots Historial coverage
Headwear ap / Truck ac cap nadband hips airband	G: Hok Messy and dishevelled Un-styled Styled Growned Farting Gelled	Costu F. Foolwoor Shoes with soles falling off Brogues High heels / solestos Shoes with holes Shoes with holes Shoes with holes Shoes heels / solestos Shoes heels / solestos	I Accessoile Gold buctums Embersibued amblem Tran Badge Scart	Rings Watch Locket Brooch Paari nacklace Peari earmgs Gold thats	Epininadora Mancaris Rocontación Bluther Lecesck / gions Hinimal coverage Full coverage Broven do comme toud marks
Headwear ap / Truck ac cap aadband airband airband	G, Holf Messy and Jahevelled Un-styled Styled Groomed Parting Gelled Messy burr Sick back hair and	Costu H. Foolwear Shoes with soles falling off Brogoes High heels / colectos Shoes with holes Shoes with holes Shoes with holes Shoes holes / kitsee heels Shory heather shoes buillered Patant shoes (false) Dirty trainees / coverse / daps./	I Accessoile Gold buctums Embersibued amblem Tran Badge Scart	Rings Watch Locket Brooch Paari necklace Peari serrings Gold meth Darrowsk Pake gold and slim Fake gold and slim	Epininadow Mascaris Rosostanam Blather Lanseck / gloss Minimal coverage Full coverage Braven to comme touch marks
Headwear ap / Truck ac cap aadband airband airband	G, Holf Messy and Jahevelled Un-styled Styled Groomed Parting Gelled Messy burr Sick back hair and	Costu H. Foolwear Shoes with soles falling off Brogues High heefs / solectos Shoes with holes Shoes with holes	I Accessoile Gold buctums Embersibued amblem Tran Badge Scart	Rings Watch Locket Brooch Pearl necklace Pearl necklace Pearl necklace Demonts Demonts Fake gold and alim	Epiminadow Mascaris Rosontazion Bushini Lipozick / gloss Historiad coverage Full coverage Brown to comme foud marks Back to constre

0	I am designing a costume	for (character	)	1
D	X is (social class) in th	e time era of (o	decade)	Costume
0	X's hair would be	Column G	(describe)	
D	X makeup would be	Column K	(describe how markings would be	created))
0	X would wear	Column E&C	(list the items she would wear in a	olumn E)
D	The fit / style would be	Column D	(describe each item)	
0	The materials would be	Column A&C	(describe materials for each item)	
D	The colours would be	Column B	(describe colours for each item)	
0	X footwear would be	Column H&C	(describe)	
o	X accessories would be	Column I&C	(describe)	
0	X jewellery would be	Column J&C	(describe)	

#### Keywords to use when designing sound

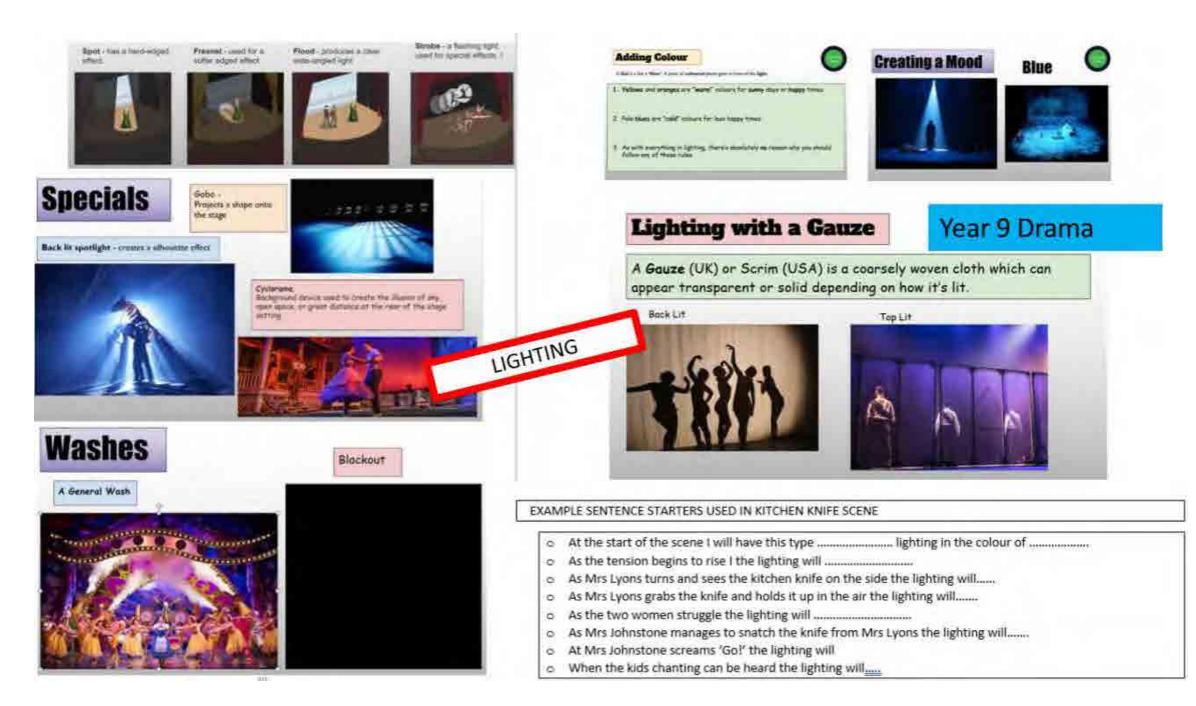
Sound	<ul> <li>Diegetic (can be heard by actors)</li> <li>Non -diegetic (cannot be heard by actors)</li> <li>Underscore (to accompany the action) this can be live or pre-recorded instruments (strings, woodwind, brass, percussion, keyboards)</li> <li>Live music, synthesized music, recorded music, instrumental music</li> <li>Atmosphere, mood (i.e. tense, calm, dramatic, cheerful)</li> <li>ambience, dramatic, tense, so</li> <li>Rhythm, pace</li> <li>Sound effect (live, pre-recorded)</li> <li>Volume, amplified</li> <li>Music era (what year is the scene set in? What music was current at that time)</li> </ul>	
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	EXAMPLE SENTENCE STARTERS FOR THE BUS SCENE
Sound	<ul> <li>As the sound designer of this extract I want to create an atmosphere that starts then turns into a</li></ul>

- The diegetic sound of the ringing bus bell (can be heard by actors) ...... would be played when ....
- $\pm$  . When the bus stops I would have the diegetic sound effect of ... ... playing

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Drama



#### Year 9 D&T – Pewter Project

#### What is pewter?

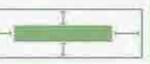
- Pewter is a malleable metal alloy consisting of tin, antimony, copper, bismuth, and sometimes silver. Modern pewter consists of are 94% tin.
- Pewter has a low melting point (around 170–230 °C) making it ideal for melting on a chip forge and brazing hearth and casting

#### **Elements of Design**



A line is a mark between two points. There are various types of lines, from straight to squiggly to curved and more.

# SPACE



Space is the area around or between elements in a design. It can be used to separate or group elements



trengto e willth e shope. There are three built throes Geometric (tranglet, alsoares, artus etc), antoral (leavel, animali, boes, people) will abstract (remimage)

> Texture relates to the sentace of an object, the look or feel, concrete in rough, metal is smooth.

#### **2D Design Basic Tools**

- SELECT Use this tool to select different tools and OBSIGN highlight objects.
  - UNE This tool creates straight lines. Click to start the line, extend out and click to finish.
- O CIRCLE This tool creates circle shapes. Click to start the circle, extend to the size needed and click to finish
- PATH This tool creates curved lines through continual clicks.

RECTANGLE - This tool can be used to create both rectangular and souare shapes.

ABC TEXT – Use this tool to insert text onto your designs. The facil, size and direction of the text can be changed.

DEL DELETE PART - Use this tool to delete separate lines and objects

DEL DELETE ANY - Use this tool to delete whole lines and objects

#### Computer aided design (CAD)

Computer aided design now has the capability to design new products in 3D, visualise them in a variety of materials and send images around the world for collaboration and consultation. Once production is finalised, these designs are sent to computer aided manufacture (CAM) machines to be formed. Autodesk and Solidworks are common forms of CAD software used.

Advantages of CAD	Disadvantages of CAD
ldeas can be drawn and developed quickly	Expensive to set up
Designs can be viewed from all angles and with a range of materials	Needs a skilled workforce
Some testing and consumer feedback can be done before costly production takes place	Difficult to keep up with constantly changing and improving technology



production

on repetitive tasks

Machines can run constantly

Expensive to set up

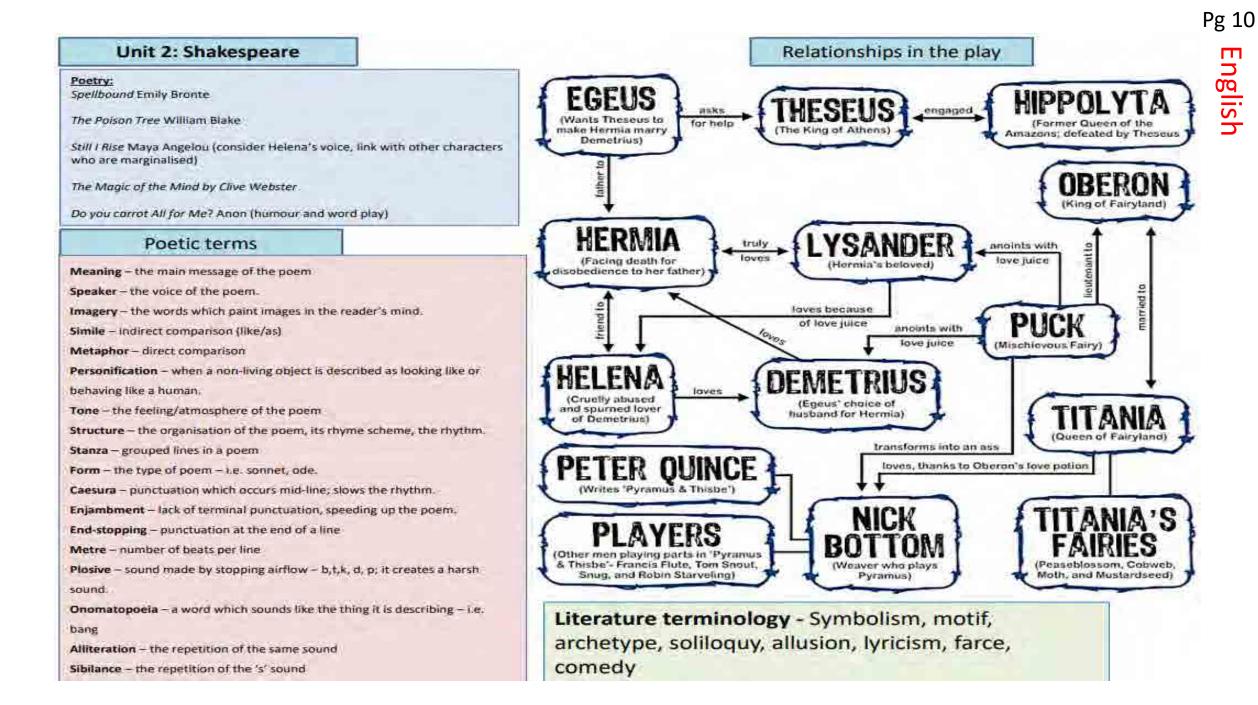
engineers

Needs a skilled workforce of

444-7-7	eading Shakespeare's Imagination: A M	ATTAC 202 NOVEMAN AND 2	a provide provide the second
Plot Four lovers, having an argument in the Athenian woods at	Key Characters	Key Quotations	KeyThemes
<ul> <li>Four lovers, having an argument in the Athenian woods at midnight, are confused by fairies who are only trying to help. Throw in some magic, a custody battle over a little boy, and an amateur actor who unsuspectingly becomes the fairy queen's love interest oh and a magic set of ass's ears and there you have it - A Midsummer Night's Dream, a comedy.</li> <li>Hermia runs away with Lysander instead of marrying Demetrius.</li> <li>The King and Queen of the fairies fight over a little boy.</li> <li>Puck muddles up the lovers and causes havoc with a love potion.</li> <li>Bottom gets the ears of an ass and Titania falls in love with him.</li> <li>Oberon puts things right and wins the little boy from Titania.</li> <li>The lovers get married. Bottom's friends put on a play to celebrate.</li> <li>The play is about Pyramus and Thisbe.</li> <li>The fairies bless the marriages.</li> </ul>	<ul> <li>Puck – Also known as Robin Goodfellow, Puck is Oberon's jester, a mischievous fairy who delights in playing pranks on mortals.</li> <li>Lysander - A young man of Athens, in love with Hermia.</li> <li>Demetrius - A young man of Athens, initially in love with Hermia and ultimately in love with Helena.</li> <li>Hermia - Egeus's daughter, a young woman of Athens. Hermia is in love with Lysander and is a childhood friend of Helena.</li> <li>Helena - A young woman of Athens, in love with Demetrius.</li> </ul>	"Ay me, for aught that i could ever read, Could ever hear by tale or history. The course of true love never did run smooth" "If we shadows have offended, Think but this, and all is mended: That you have but slumbered here, While these visions did appear; And this weak and idie theme, No more yielding but a dream, Gentles, do not reprehend. If you pardon, we will mend."	Love: Shakespeare explores the lighter side of love in A Midsummer Night's Dream. Love makes us behave in strange ways – the lovers fight in a mos uncivilised way in the woods. It can bring out the bes and bravest qualities in a character – Hermia risks he life for love. Lovers often feel invincible against a world that doesn't understand them, just as Hermia and Lysander stand alone against Athens's law. Love can make us ridiculous – Helena asks a boy to treat her like a dog, whilst Titania falls in love with a donkey. Love can be cruel – Helena and Demetriou fall desperately in love with someone who doesn' love them back. Love also has a powerful magical quality: falling in love can be like being under a spell. Appearance and Reality: Sometimes things are not quite what they seem
<u>Context</u> The most influential writer in all of English literature, William Shakespeare was born in 1564 to a successful middle- class glove-maker in Stratford-upon-Avon, England. Shakespeare attended grammar school, but his formal education proceeded no further. In 1582 he married an older woman, Anne Hathaway, and had three children with her. Around 1590 he left his family behind and travelled to London to work as an actor and playwright. Public and critical success quickly followed, and Shakespeare eventually became the most popular playwright in England and part-owner of the Globe Theatre. His career bridged the reigns of Elizabeth I (ruled 1558–1603) and James I (ruled 1603–1625), and he was a favourite of both monarchs. Indeed, James granted Shakespeare's company the greatest possible compliment by bestowing upon its members the title of King's Men. Wealthy and renowned, Shakespeare retired to Stratford and died in 1616 at the age of fifty-two.	Bottom - The overconfident weaver chosen to play Pyramus in the craftsmen's play for Theseus's marriage celebration.Oberon - The king of the fairies.Titania - The beautiful queen of the fairies.Egeus - Hermia's father, who brings a complaint against his daughter to Theseus.Theseus - The heroic duke of Athens, engaged to Hippolyta. Hippolyta - The legendary queen of the Amazons, engaged to Theseus.	<ul> <li>'I must go seek some dewdrops here, And hang a pearl in every cowslip's ear'</li> <li>'Cupid is a knavish lad, Thus to make poor females mad.'</li> <li>'Love looks not with the eyes, but with the mind, And therefore is wing'd Cupid painted blind.</li> <li>'Lord what fools these mortal be'</li> </ul>	Sometimes we fail to see situations as they really are People often pretend to be something that they're not, hiding their true selves for one reason of another. Shakespeare was really interested in this idea and explored it in many of his plays. This them is usually referred to as appearance and reality. Order and Disorder: Much of the comedy of A Midsummer Night's Dream comes from the chaos created when the natural order of things is disrupted. But there's a darker sid too. There's not one character that isn't relieve when Oberon finally restores the midnight world to happier one by d

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English



Year 9 Knowledge Organiser Proteins can denature when: What do we need proteins for? What do we need carbohydrates for? Build enzymes and . Eu. Primary source of energy hormones Fu nc. • Store energy for later Yolk Shell Outer . Build cell membranes tio nc **Build DNA** Membrane Repair and maintain tissues tia ns Prevent the body from using Vitelline Defend the body They come into contact with ns proteins as an energy source Membrane They are heated Inner (antibodies) acidic/alkaline ingredients Membrane Secondary source of energy What happens if we have too much or too little? Air Cell What nappens if we have too much or too ittle? Tooth decay Ex Type 2 diabetes ce Ex ÷. Weight gain and obesity Kidney and liver diseases 55 ce . Hyperglycaemia Weight gain Albumen They are whisked, beaten or Proteins unravel becoming 55 Chalazae a De firm when heated kneaded Weight loss De fic Kwashiorkor Lack of energy, tiredness fic ie https://www.ifst.org/lovefoodlovescience/resources/carbohydrates-gelatinisation Slowing growth rate • Severe weakness ie. nc https://www.ifst.org/lovefoodlovescience/resources/fats-and-oils-aeration Hypoglycaemia Swelling . nc https://www.ifst.org/lovefoodlovescience/resources/fats-and-oils-plasticity Protein alternatives What do we need fats for? UNR GENERAL M SHOW Visible fats 1416Fie Vegetarians and vegans don't Fu The food science bit! Source of energy consume meat so instead they nc Fats you can see. Thickening sauces with Insulation use protein alternative tio such as on meat are . Dissolve vitamins starches. products which are ns often saturated. Build hormones manufactured in order to Gelatinisation happens Build cell membranes provide protein in a diet and when a starch and liquid 60°C protein rich foods. Unsaturated fats mixture are heated. Invisible What nappens if we have too much or too you cannot see. little? such as in nuts and The water enters the starch Sov avocados. They are Obesity granules and they swell and chunks Ex often good for the Hypertension change texture. ce brain, Coronary heart disease elmie e 55 Fatty liver disease Butter Textured As more water is taken in. • Type 2 diabetes Cream vegetable De the granules expand, and protein Weight loss • fici Eggs the mixture becomes Saturated (TVP) Vitamin deficiency 96°C en viscous and thick. Olive oil CV Heart disease 85°C Feeling cold This results in a gel which Gelatinisation happens when starch and liquid thickens sauces by the such as water are heated together Unsaturated There are two different types of fats Avocado process of gelatinisation. Beans, lentils, chickpeas

Pg 11

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¿Quelle est ta fête	What is your favourite	0.12 Factivals		Les phrases/verbes du passé	Phrases/verbs in the pas
préférée?	festival	9.12 Festivals French Vocab List		L'année dernière	Last year
Ma fête préférée est	My favourite festival is			Le mois dernier	Last month
ivia fete preferee est	iviy lavourite lestival is	French vo	Cab List	Avant hier	The day before yesterday
Le Noël	Christmas	¿Qu'est-ce qu'on fait pour	What do we do to celebrate?	La semaine dernière	Last week
1	Print	célébrer?		Hier	Yesterday
Le Réveillon de Noël	Christmas Eve	Je me lève	l get up	Dans le passé	In the past
La Saint-Sylvestre	New Year's Eve	Je me douche	Ishower	Quand j'avais ans	When I was years old
2. 2011 CONTRACTOR		Je m'habille	l get dressed	L'été dernier	Last summer
Le Nouvel An	New Year's Day	Je reçois des cadeaux	I receive presents	L'hiver dernier	Last winter
Le Divali	Divali	l'éteins des bougies	I blow candles out	ll y a (deux ans)	ago (two years)
101.200.401	102.020	Je décore l'arbre de Noël	I decorate the Christmas tree	Le weekend dernier	Last weekend
Pâques	Easter	l'achète des nouveaux	l buy new clothes	The second s	The state of the second s
Le Hanoukka	Hanukkah	vêtements		Je suis allé(e)	I went
		Je vais à l'église	I go to the mosque I go to the square	J'ai célébré	I celebrated
L'Aïd	Eid	Je vais à la mosquée		J'ai mangé	l ate
Le premier avril	April Fool's day	Je vais à la place Je vais à la maison de		Pai bu	l drank
Le prenner avril	April roors day	arrive	arrives	J'ai ouvert	l opened
L'anniversaire	Birthday	Nous mangeons	We eat	C'était	It was
Le premier mai	May day	Nous jeûnons	We fast	Les phrases/verbes du futur	Phrases/verbs in the futur
Le preimer mai	Iviay day	Nous jouons des jeux de société	We play board games	L'année prochaine	Nextyear
Une fête	Party	Nous célébrons	We celebrate	Le mois prochain	Next month
La fête des Mères	Mother's day	Je m'amuse bien	I have a good time	Après demain	The day after tomorrow
La fete des ivieres	womer's day	Je regarde des feux d'artifices	I watch the fireworks	Demain	Tomorrow
La fête de la musique	Music festival	Je vais au lit	I go to bed	La semaine prochaine	Next week
Un jour férié	Bank Holiday	Je me couche	l go to sleep	Dans le futur / à l'avenir	In the future
		C'est comment?	How is it like?	Quand J'aurais ans	When I will be years old
Le mariage/les noces	Marriage/wedding	passionnant	Exciting	L'été prochain	Next summer
Le 14 juillet	Bastille Day	inoubliable	unforgetable	Je vals aller	I am going to go
and the standard states of the	2222 State 122 State 122 State	amusant	Fun	Je vais célébrer	I am going to celebrate
La Saint-Valentin	Valentine's day	insupportable	Unbearable	J'ai l'intention de manger	l intend to eat
Le Mardi Gras	Shrove Tuesday	Un désastre	A disaster	Je voudrais/j'aimerais boire	I would like to drink

Pg 12

French



Listening check-list	Reading - Top tips
Before I listen	• Read the introduction to the question carefully. This will help you to give
1. read the exercise carefully, paying attention to the instructions and	sensible answers. Look for titles.
pictures	Answer every question, especially where you must write a letter. If in doubt,
2. think of possible words, phrases and ideas I might hear	have a guess.
3. think about how these words and phrases would be pronounced	• Read the whole of the sentence so that you can check that your first reaction
4. think of the different ways certain phrases could be expressed	is right. If you think the answer is 'P' (positive) for example, read on in the text
While I listen, pay attention to	to make sure that the correct answer is not in fact 'P and N' (positive and
5. repetition or paraphrase	negative).
6. time marker phrases	• Do not copy whole chunks of the text because you might include the wrong
7. the questions and tasks that go with the passage	answer as well as the right answer.
8. all the things I predicted (questions, vocabulary, possible answers)	<ul> <li>If you are asked to give one reason or one detail, only give one.</li> </ul>
While I listen, I work out any words I don't know by	
9. using the words I understand to get the general meaning of the	VOCABULARY IS KEY!
passage first	Look through the vocab lists and try to refresh your memory of as much
10. listening to words that come before or after the unknown word	vocabulary as possible.
11. using my general knowledge to think about what the unknown word	
might logically mean	
12. listening to what comes later in the passage for further clues, or to	Translation – Top tips
check whether the unknown word does in fact mean what I think it	<ul> <li>Read the whole sentence/paragraph first.</li> </ul>
means	<ul> <li>Chunk the sentences e.g. I play / videogames / in my bedroom.</li> </ul>
13. using what I know about sentence structure to work out what kind of	<ul> <li>Highlight what you don't know.</li> </ul>
word it is (noun, adjective, verb)	Be as ACCURATE as you can; what are you being tested on, look out for
14. thinking whether the unknown word is like a word I know in English	different time markers.
or French/German/Spanish, and then checking whether that meaning	<ul> <li>Make sure you reread your translation; does it make sense?</li> </ul>
would make sense	

Contraction of the second		Les directions	Directions	La langue de tous les jours Bonjour! Bienvenue	Everyday language Good morning, hello Welcome
Les pays francophonesFrench Speaking CountriesLa FranceFranceLe CamerounCameroonLe SénégalSenegalLa CorseCorsicaLa GuadeloupeGuadeloupeLa SuisseSwitzerlandLa BelgiqueBelgiumL'AlgérieAlgeriaLa GuinéeGuineaLa GuyaneFrench GulanaLa Côte d'IvoireIvory CoastLa BelgininBeninLe BerlinBeninLe Burkina FasoBurundiLe GuradaCanadaLe TchadCanada	nord nord-est est sud-est sud-ouest ouest nord-ouest	north northeast east southeast south southwest west northwest	Au revoir!       Goodbye!         De rien.       You're welcome.         Je në comprends pas.       I do not understand.         Où est un bon restaurant/un       Where is a good restaurant.         bon cafë?       Cafë?         Où est la plage/le centre-ville?       Where is the beach/city         Je cherche le métro/le       I am searching for the m         gare/l'aéroport.       I am searching for the m         Je cherche l'hôtel/l'hôpital/la       I am searching for the m         banque.       Pourriez-vous prendre ma         photo/notre photo?       Can you take my/our ph	Do you speak English? I do not speak French. See you later! Thank you/Thank you very much. Goodbye! You're welcome. I do not understand.	
	La géographie Je suis francophone Une langue maternelle L'Hexagone Les DOM TOM L'outre-mer Le métropole Un territoire Un département Une région	Geography I speak French Mother torigue France (slang) French overseas territories Overseas Mainland France Area Department Region		café? Where is the beach/city center? I am searching for the metro/train station/airport I am searching for the hotel/hospital/bank. Can you take my/our photo? It's nothing/don't mention it Go on, go ahead	
Le Congo Le Djibouti Le Haiti Le Luxembourg Le Madagascar La République du Mali Le Monaco Le Niger Le Rwanda Les Seychelles Le Togo Le Vanuatu Les Antilles	Congo Djibouti Haiti Luxembourg Madagascar Mali Monaco Niger Rwanda Seychelles Togo Vanuatu French speaking Caribbean Islands	La révolution française La révolution française La colonisation La civilisation Le conflit La culture Le cinquième république L'indépendance La liberté La Renaissance Un siècle Contemporain Moderne Laïque	History The French Revolution Colonisation Civilisation Conflict Culture The 5th Republic Independence Freedom The Rennaissance A century Contemporary Modern Secular	Bonne soirée! À demain! Je suis desolé(e) Tu t'appelles comment? Je suis perdu Attention! Fais/faites attention! Bien sûr C'est n'importe quoi! Laisse tomber Ça te dit?/Ça vous dit? Tiens-moi au courant! Bref T'sais? Ça te changera les idées	Good evening! See you tomorrow! I'm sorry What's your name? I'm lost Careful! Be Careful!! Of course That's nonsense! Forget it You up for it? Keep me up to date! all in all Ya know? It'll take your mind off things

French

Pg 14

#### Year 9 Geography Sustainable Citizen

Sustainable development goals	a collection of 17 interlinked global goals designed to be a "blueprint to achieve a better and more sustainable future for all"
Economic sustainability	practices that support long-term economic growth without negatively impacting social, environmental, and cultural aspects of the community.
Social sustainability	a measure of welfare where people can flourish and have the best lifestyle for themselves.
Environmenta I sustainability	the practice of interacting with the planet responsibly.
Grey water recycling	uses existing plumbing in your home to recycle old water for new uses.
Waste	items that are no longer of use.
Circular economy	is a system which maximises the value of resources by recycling and repurposing them as much as possible.
Linear economy	waste as a side result of the production, process, is discarded into the environment.
Incineration	the burning of waste.
Carbon footprint	the amount of carbon dioxide released into the atmosphere by a person or organisation.



Bristol Harborside is a local example of how green initiatives have been installed into the fabric of our city. How do you think this has improved the lives of nearby residents?



#### Fashion, is it sustainable?

Ethical fashionFfashion that aims to<br/>reduce the negativeFimpact on people,<br/>animals, and the<br/>planet." Producing an<br/>item of ethical clothing<br/>animolves design, labour,<br/>co<br/>and materials, and<br/>ethical fashion is kind to<br/>planet and peoplework<br/>the planet and peopleWwork<br/>y step of the way,<br/>from seed to earment.

Fast fashion Fast fashion is the term used to describe clothing designs that move quickly from the catwalk to stores to take advantage of trends. The collections are often based on styles presented at Fashion Week runway shows or worn by celebrities.

Sustainable cities use strategies such as vertical planting to improve air quality and access to nature for urban residents



Recycling is a waste processing technique which saves energy by reusing our waste products instead of having to make 'new' packaging from new materials. This saves energy in the long run but can require expensive equipment and expertise to set up.



A landfill site, also known as a tip, dump, rubbish dump, garbage dump, or dumping ground, is a site for the disposal of waste materials.

Was ist dein Lieblingsfach?
Englisch
Spanisch
Französisch
Theater
Kunst
Sport
Informatik
Musik
Technologie
Erdkunde
Geschichte
Religion
Mathe/Mathematik
Naturwissenschaften
Biologie
Chemie
Physik
Deutsch
Wie findest du?
Esist
interessant
praktisch
nützlich
nutzlos
einfach.
Leicht
schwer
schwierig
langweilig
praktisch
spannend
kreativ
wichtg
zu
sehr
ziemlich

Favourite Subject. English Spanish French Drama Art PE Computer Science Music Technology Geography History RE Maths Science Biology Chemistry Physics German What do think about? It is Interesting Practical Useful Useless Easy Easy / simple Difficult / hard Difficult Boring practical Exciting Creative Important Too Verv Quite

Es dauert

Die Pause

Morgens

Nachmittags

Die Mittagspause

#### 9.11 My school - vocab. list Describe your school **Beschreib deine** uniform Schuluniform I wear ... Ich trage eine Jacke/einen Blazer Blazer einen Pullover Jumper Shirt ein Hemd T-shirt ein T-Shirt eine Krawatte/einen Schilps Tie einen Rock Skirt Socken Socks eine Hose Trousers Schuhe Shoes. Strumpfhose Tights hässlich Ugly schön Pretty (un )bequem (un) comfortable teuer Expensive billig Cheap modisch Fashionable altmodisch Unfashionable. The school day Der Schultag Ich verlasse die Schule I leave home Ich gehe zur Schule I go to school Die Stunden beginnen Lessons start... Die Schule ist...zu Ende School ends...

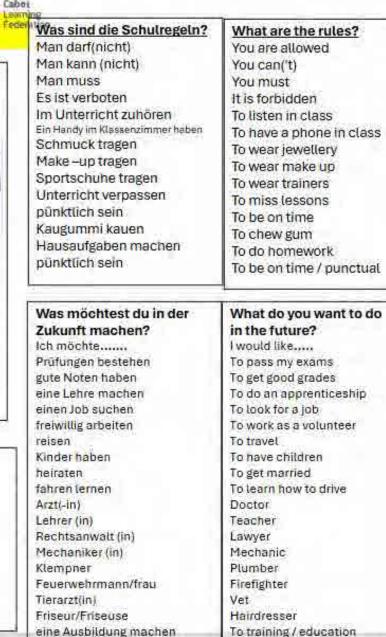
It lasts...

Lunch break

In the morning,

In the afternoon

Break



ermar

Pg 17 German

Extra school vocabulary	Extra Schulvokabeln
hilfsbereit	helpful
gemein	mean, cruel, nasty
höflich	polite
schwach	weak
stark	strong
streng	Strict
digital	digital
online	online
richtig	right / correct
draußen	utside
die Aufgabe	exercise / task
die Klasse	class
die Klassenarbeit	school test
die Note	mark / grade
die Regel	rule
die Pause	break
die Prüfung	exam
die Reise	journey / trip
die Schülerin	school student (f)
der Schüler	school student (m)
die Sprache	language
die Stunde	hour, lesson, period
die Tasche	pocket / bag
der/ die Erwachsene	adult / grown-up
das Fach	Subject
das Lieblingsfach	favourite subject
das Mobbing	bullying
das Zeugnis	report
das Klassenzimmer	Classroom
die Ferien	holidays
die Hausaufgaben	homework
ternen	tolearn
schreiben	to write
verbessern	to improve
der Ausflug	Trip
der Schulhof	School yard / playground

Buildings	Gebäude
sauber	clean
schmutzig	dirty
die Kantine	canteen
die Toilette	Toilet
das Büro	Office
das Fitness-Studio	Gym
das Theater	Theatre
die Bühne	Stage
Die Turnhalle	Sports hall
die Grundschule	Primary school

Pg	18
	Ge
	ern
	na

7

9.11 My school	
Knowledge Organiser	

School – Subjects, uniform and time Future plans & jobs



infinitives	machen	können	RE verb
ich(l)	mache	kann	lerne
du (you)	machst	kannst	lernst
er/sie/man (he/she/ one)	macht	kann	lernt
Wir (we)	machen	können	lernen
ihr (you all)	macht	könnt	lernt
Sie (you) /sie (they)	machen	können	lernen

#### The future tense in German

You can talk about the future by using the present tense + a future time phrase or use the future tense which is:-

Use part of the verb werden and the infinitive to say what you are going to do/will do

Heute abend spiele ich Tennis. This evening I am going to play tennis. Morgen wird Paul Kuchen essen. Tomorrow Paul will eat cake.

You can also use the following phrases with an infinitive to refer to the future.

Ich möchte = I would like

Adjectives describe nouns e.g., a black blazer.

In German, adjectives go before the words they are describing e.g., eine blaue Krawatte (a blue tie) and they must agree with the noun they are describing.

Adjectives must agree with the noun (or pronoun) they describe in gender and in number.

This means that if the noun an adjective describes masculine, the adjective must be masculine e.g., einen schwarzen Blazer (a black blazer).

If the noun is plural, the adjective will be plural as well e.g., schwarze Socken (black socks).

#### Comparatives - to express more or less than

Add 'er' to the adjective, but in words of more than 1 syllable an umlaut is sometimes added too. You must also add als = than klein = kleiner(smaller) lang = länger

klein = kleiner(smaller) lang = länger

wichtig = wichtiger (more important)

Mathe ist interessanter als Deutsch

mehr = more/weniger = fewer/besser = better

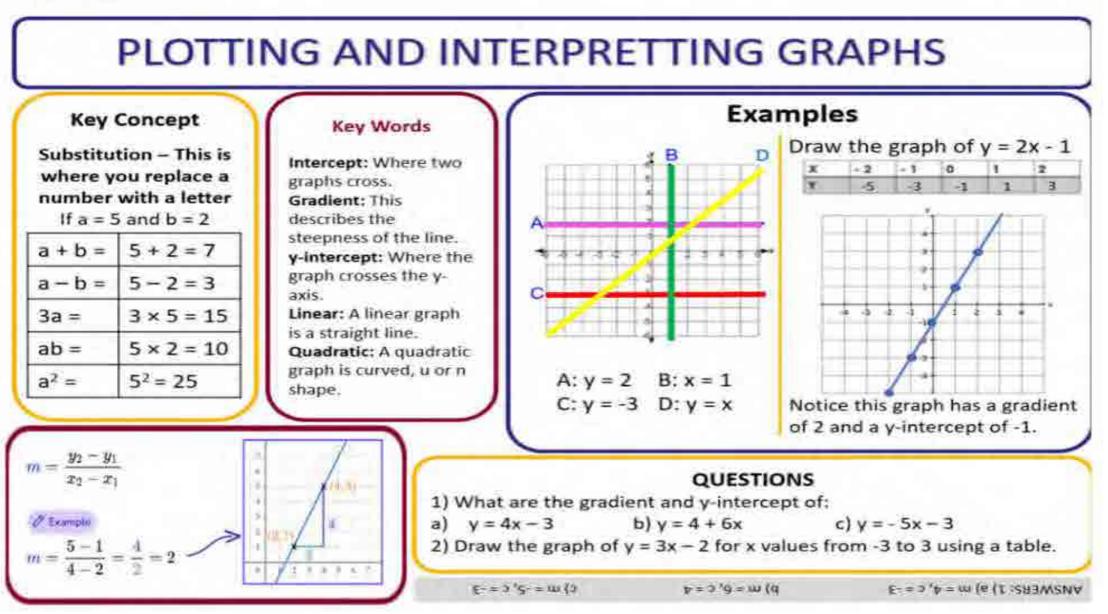


Learning Federation		Key vocab	Key vocab	Key Vocab München	Key phrases Munich
Celebration /Festivals der Aschermittwoch der Karfreitag der Karneval/der Fasching der Maifeiertag der Mutterstag Ostern Pfingsten Tag der Deutschen Einheit der Valentinstag Geburtstag/Halloween der Neujahrstag Silvester der Aprilscherz	Celebrations/Festivals Ash Wednesday Good Friday Carnival/Carnival May Day Mother's Day Easter Whitsun Day of German Unity Valentine's Day Birthday/Halloween New Year's Day New Year's Eve April Fool's Day	die Einladung die Feier/das Fest die Festlichkeit der Feiertag die Tradition/kirchlich die Moschee die Fastenzeit die Umzüge/die Wagen der Osterhase/ das Osterei das Feuerwerk die Kerze/das Licht der Gast/der Gastgeber/die Menge die Geschenke die Zuckertüte	Celebration/Festival or celebration Celebration Public holiday Tradition/religious Mosque Period of fasting/Lent Processions/floats Easter bunny/Easter egg Fireworks Candle/light Guest/host/crowd Presents Cone filled with sweets	Köln Berliner Pfannkuchen das Oktoberfest Scherze/Streiche die Hexe das Kostüm das Volksfest die Besucher der Grillabend	Cologne Sweet doughnut October Beer festival Jokes/tricks Witch Costume Public festival Visitors barbecue
	The second	die Gastfreundschaft Hospitality die Party/Das Straßenfest Party /street party		Key Question words	Key Question words
<b>Key verbs in infinitive</b> bekommen danken	Key verbs in infinitive to get/to receive to thank			"Wann? Warum? Wer Wie?	When? Why? Who? How?
einladen feiern sich verkleiden besuchen teilnehmen stattfinden dauern freuen (sich auf) freuen (sich über) schmücken verstecken /schicken	to invite to celebrate to dress up to visit to take part to take place to last to look forward to to be pleased about sthg to decorate to hide/to send	Weihnachten der Adventzkranz der Weihnachtsbaum die Weihnachtsbaum Heiliger Abend Erste Weihnachtstag Zweite Weihnachtstag der Lebkuchen austauschen der Sankt Nikolas Tag Gänsebraten/ der Rotkohl	Christmas Advent wreath Christmas tree Christmas carols Christmas Eve Christmas Day Boxing Day Gingerbread To exchange St Nicholas' Day (6th Dec) Roast goose/red cabbage	Was? Was für? Wo? Wohin? Woher? Wozu? Wieso? Wie viel? Wie viele?	What? What sort of? Where? Where to? Where from? What for? Why? Why? How come? How much? How many?

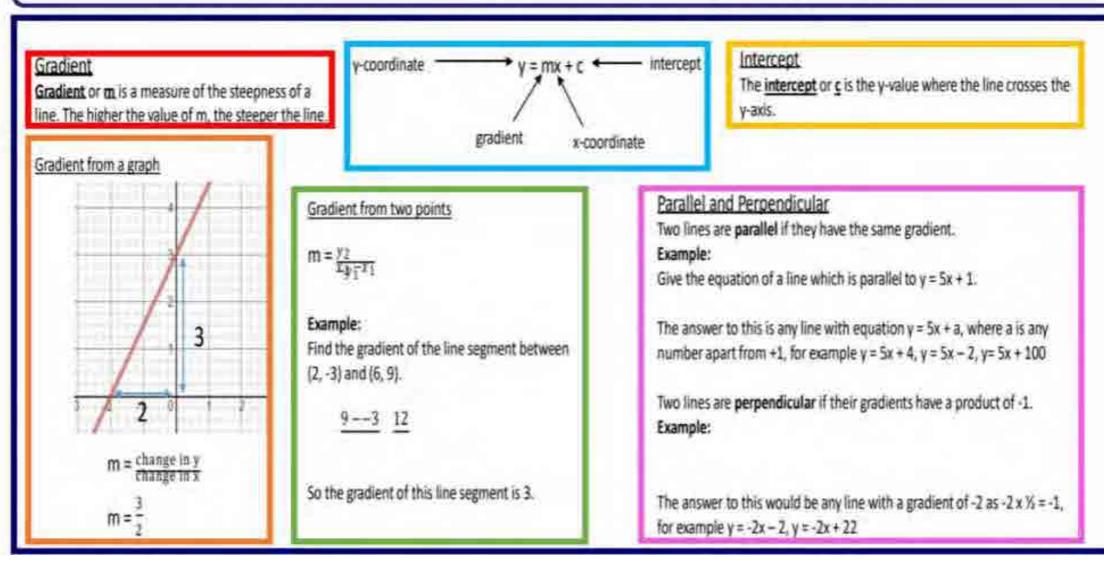
_	Context	- (BD)	History - Year 9	1		Key Te	<u>erms</u>		
1960's and 70's Britain is often regarded as a period of revolution and change. During this topic we are going to assess how much change occurs during this time period for LGBTQ+, women and Black people.			Knowledge Organiser Term 5	10	activism	[14] A. B. M.	f campaigning to bring I or political change.	g about change.	
per	Key Events	How much did life change for LGBTQ+, women and Black people		11	civil rights	1.1. J. M. M. M. C. 1955 (1997).	The rights of citizens to political and social freedom and equality.		
1	1961 – The Contraceptive pill available for married women for the first time on the NHS.	during	; the 1960's and 70's?	12	decriminalisation	To no longer criminal offer	to treat something as	s illegal or as a	
2	30 <sup>th</sup> April – 17 <sup>th</sup> September 1963 – Bristol Bus Boycott took place to challenge discrimination on Bristol's buses.	Public Attit	udes	13	equality	The state of i rights, or opp	being equal, especiall portunities.	y în status,	
3	1965 – Race Relations Act passed, first law to ban racial discrimination in public places and made it a criminal offence.	TTT	Government/Law		legalisation	and a second second second second second	To make something that was previously illegal allowed by law.		
4	1967 – Sexual Offences Act was passed which decriminalised private homosexual acts between men aged over 21.			15	liberation	To set someo from oppress	ne or something free	. For example	
5	Family Planning Act passed, contraception available to all through			16	revolution	To overthrow favour of a n	v a government or soo ew system.	cial order, in	
6	1968 - The first St Pauls Carnival took place in Bristol.			17	Second Wave	1. The second se	o sought to change s	ocial and sexual	
7	7 <sup>th</sup> June 1968 – 187 women sewing machinists at the Ford Motor Company plant in Dagenham, Essex, went on strike.			-, ¥ <u>-</u>	Feminism discrimination. Key Skills				
8	9 August 1970 – Black Power activists march against police harassment of the Black community in Notting Hill, London.	dia	18	Change and continuity.	What changed a	and continued, stayed ng the 60's and 70's?	CONTRACTOR CONTRACTOR		
9	1 July 1972 - First Pride march took place in the UK, approximately 2000 protesters marched in London.	Ke	y Individuals/Groups		10103040004	COLUMN TO A REPORT OF THE CARDON AND A	gs change? To what ex		
1.00	968 - British ack Panthers BBP 1970 - Gay Liberation Front GLF 2000 C.1960's - Women's Liberation Movement WLM 1978 - Organisation of Women of Asian and African Descent OWAAD	Darcus Howe BBP	51 G.G	la Dadzie DWAAD	Roy Hackett Bristol Bus Boycott	Paul Stephenson Bristol Bus Boycott	Aubrey Waiter GLF	Bob Mellors GLF	

Pg 20 History

SEQUENCES				
KEY CONCEPTS Arithmetic sequences increase or decrease by a common amount	Linear sequences:Examples4,7,10,13,16Examplesa) State the nth termb) What is the 100th term $3n + 1$ in the sequence? $3n + 1$ in the sequence? $3n + 1$ $3n + 1$ Difference $3n + 1$ $3 \times 100 + 1 = 301$ Yes as 33 is an integer.			
each time. Quadratic sequences have a common 2 <sup>nd</sup> difference.	Quadratic $a+b+c$ 39193351sequences: $3a+b$ 6101418First difference $2a$ 444Second difference			
Fibonacci sequences Add the two previous terms to get the next term	2a = 4  3a + b = 6  a + b + c = 3 $a = 2  3 \times 2 + b = 6  2 + 0 + c = 3$ $b = 0 \qquad c = 1$ $2n^{2} + 0n + 1 \rightarrow 2n^{2} + 1$ $b = 0 \qquad c = 1$ Key Words (A) 1, 8, 15, 22,			
Geometric series has a common multiple between each term	Linear Quadratic Arithmetic Geometric Sequence Nth term (1) Find the nth term (b) Calculate the 50 <sup>th</sup> term (c) is 120 in the sequence? B) Find the nth term for: (1) 5, 12, 23, 38, 57, (2) 3, 11, 25, 45, 71, (1) 5, 12, 23, 38, 57, (2) 3, 11, 25, 45, 71,			



# REARRANGE AND SOLVE EQUATIONS





Protein is used for muscle growth and repair

PLA P	PLANT BASED PROTEIN			ANIMAL BASED PROTEIN			
CHROPPENS	OATS	TONU	6363	TURNEY MINCE	DIOCNIFEAST		
	0	0	۲	~	14		
7g protein	11g procesn	13g protest	14g protein	Zig protein	Septement		
BROWNINCE	QUINOA	TENTIS	PRANTIE	TURA	SALMON		
3g protein	Ag protin	Ge protein	13g protein	Zephaen	The second		
CASHENIS	PEARATER	ALMONIDS	PORICHOL	REEVE	DEXX		
13g protein	20g protein	29g protein	19g protein	19g at Dean	Zyggrodeen		
DCAJOSAN	HROCCOM	EDAMAKE	line personal	GREEKVOOURT	RIMORESE		
٢			1	A	Rel		
2g protein	4g protain	12g protein	4g protein	Bg protein	26g protein		
250	en essenpiere pro	tere.	*41	complete prot	eirs		

Carbohydrates are used within energy production

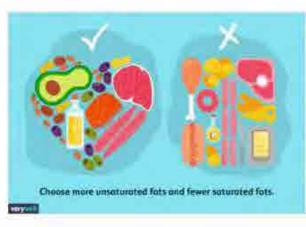
SOURCES OF DIETARY FIBBE

Fibre supports the

digestive system

it with A.A

Fats also assist in energy production but also insulate the body



Vitamins are important for prevention of disease and functioning of our metabolism. Minerals are essential for health and chemical reactions in our body





Pg 24

# Changemakers: How does belief inspire change? Knowledge Organiser

#### NEED TO KNOW WORDS The use of action to bring about Activism change Political and social equality and **Civil Rights** freedom Civil refusal to comply with certain laws Disobedience A publicly elected government Democracy To discriminate against people of a Racism certain race A state of being equal Equality Fair distribution of wealth and Social Justice rights in a society Prejudged opinions of a person or Prejudice group, Unfair treatment of a group Discrimination

#### What is activism? s old, at least in its current use

The word "activism" is only about 100 years old, at least in its current use, and derives from the verb to act. An activist is someone who is active in campaigning for change, normally on political or social issues. Activism is what activists do, that is, the methods they use in order to bring about change. Human rights activism is thus about reacting to injustice, to abusive treatment, to violence or discrimination, and trying to correct it.

	Christian views on prejudice and discrimination
C	hristians believe that all humans are made in the image of
Goo	. Therefore any action that devalues a person is an insult to
	God who created and loves that person:
	'Love your neighbour as yourself.' - Matthew 22:39
	Islamic views on prejudice and discrimination
slar	n teaches that God created everyone as equal but different.
As	all are created by God, discrimination against any human is
u	njustified. The ummah crosses all gender, race and wealth
	boundaries:

#### Social Justice - Malcolm X

Malcolm X was an important leader who fought against racism and worked to empower Black people in the United States. He believed that Black people should have control over their own lives and communities, and he criticized the way that mainstream civil rights leaders were approaching the issue. He contributed to social justice by:

•Promoting Black independence and challenging the idea of white superiority.

Advocating for Black economic and political power through initiatives such as Black nationalism and separatism.
Highlighting the impact of systemic racism and institutional discrimination on the Black community.

	Examples of Activism				
Demonstrations and protests	During a demonstration or a protest, people united by a common belief meet together. They might march along a specific route, sit in at a specific place to draw attention to the cause, or hold a vigil to honour someone's life				
Boycotts	to refuse to buy a product or take part in an activity as a way of expressing strong disapproval				
Strikes	When workers deal with unfair or dangerous work conditions, low wages, or other issues, they might refuse to work when negotiations are refused or they fail.				
Social media campaigns	Also known as "hashtag activism," it brings activism to social media networks like Instagram and Twitter. Users raise awareness of issues, organizations, and actions through posts, graphics, videos, and more.				

# Changemakers: How does belief inspire change? Knowledge Organiser

NEED TO KNOW WORDS			Martin Luther King Jr. was a fa	amo			<b>tin Luther King Jr</b> nt for racial equality and	l social justice in the United States during the	
Conviction	A firmly held belief or opinion				mi	d-20	th century.		
Marginalised	lised individuals or groups who are excluded from mainstream society Christian beliefs strongly infl						ontributions to change onviolent protests to challenge racial		
March on Washington	the historic civil rights march o Washington D.C. on August 28, 1963, where Martin Luther Kin delivered his famous "I Have a Dream" speech.		struggle for civil rights as a believed that all people we eyes of God. He emphasise love and nonviolence in the		on for social justice. He saw the civil rights as a moral issue, and he at all people were created equal in the . He emphasised the importance of nviolence in the struggle for justice,		<ul> <li>discrimination and segregation.</li> <li>Leading the Montgomery Bus Boycott and the March of Washington, which brought national attention to the Ci</li> </ul>		
LGBTQ+ rights	equal rights and protections of LGBTQIA+ individuals						through the Civil R	ights Act of 1964 and the Voting Rights	
Malala Yousa	<b>Education – Malal</b> fzai is a Pakistani education activ for girls' education and	ist who	has become a prominent voice				<b>LGBTQI+ – Marsha</b> lack transgender woma e and equality for marg	n and LGBTQ+ rights activist who fought for	
Malala Yous faith has pla inspiring her education a She drew or Muhammad knowledge and women	luence of Beliefs: afzai is a Muslim, and her ayed a significant role in r activism for girls' nd women's rights. In the example of Prophet d, who taught that seeking was a duty for both men , to inspire her own r girls' education.	<ul> <li>A</li> <li>e</li> <li>F</li> <li>e</li> <li>S</li> <li>g</li> <li>re</li> </ul>	ontributions to change dvocating for girls' ducation in Pakistan. o-founding the Malala und to promote girls' ducation around the world peaking out on a variety of lobal issues, including efugees, climate change, nd social justice.		<ul> <li>Contributio</li> <li>Being a prominent Stonewall uprising widely considered fight for LGBTQ+ rf</li> <li>Co-founding the St Action Revolutions provided housing homeless transger</li> <li>Challenging traditi</li> <li>Promoting the idea th free to express their the</li> </ul>	t figu of : a tu ights tree aries and nder iona hat a	ure in the 1969, which is urning point in the s t Transvestite s (STAR) which support to youth. I gender norms. Il people should be	Impact on religion: Marsha P. Johnson's legacy has inspired many religious communities to re-examine their traditional teachings on gender and sexuality. Some religious organizations have even begun to recognize and celebrate the lives of LGBTQ+ figures like Marsha P. Johnson as part of their own religious traditions, highlighting the intersections between faith and social justice.	

# Changemakers: How does belief inspire change? Knowledge Organiser

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	RS

Speciesism	NEED TO KNOW WORDS	<b>Speciesism – Peter Singer</b> Peter Singer is a philosopher and ethicist who is known for his work in animal rights				
SpeciesismThe belief that one species, typically humans, is superior to and has the right to dominate over other speciesClimate changeRefers to the long-term changes in the Earth's climate primarily due to 		that humans are superior to other animals, as a justification for the exploitation and	Significance Peter Singer's secular humanist worldview has led him to be a strong advocate for the rights and well-being of all beings, and has inspired many people to re-examine their own ethical beliefs and values.			
Ummah	the global community of Muslims	Climate – Extinction Rebellion a global environmental movement that aims to raise awareness about the climate crisis and the urgent need for action to prevent				
C	hristian views on Activism	further da	amage to the planet.			
Many Christians believe that they are called to work for justice and to serve others, based on the teachings of Jesus Christ. They see activism as a way to live out their faith and to make a positive impact in the world. This can take many different forms, including political advocacy, social justice work, and community service.		Aims: To pressure governments and other institutions to ta immediate action to address the climate crisis, inclu- reducing carbon emissions, transitioning to renewak energy, and protecting biodiversity. XR also advocates for systemic change that would m away from a fossil fuel-based economy and toward a sustainable and just society.	iding disobedience, such as blocking roads and disrupting public spaces, as well as other forms of protest and direct action. The movement believes that such tactics are necessary to draw attention to the			
At the same time, many Christians also believe in the importance of prayer, worship, and spiritual reflection as a way to sustain their activism and to remain connected to God's guidance and wisdom. They see activism as part of a larger spiritual journey, and they believe		<b>Islamic views on Activism</b> In Islam, the concept of social justice is central, and Muslims believe that they have a responsibility to we the betterment of society and to alleviate the suffering of those in need. This can take many forms, inclu- political activism, social welfare work, and community service.				

that their faith can provide strength and

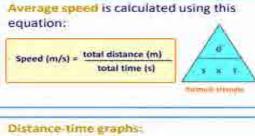
inspiration for their work.

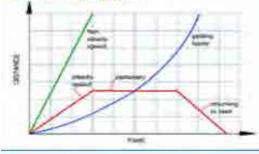
Muslims also believe in the importance of prayer and worship as a way to connect with God and to seek guidance and inspiration for their work. They see activism as a way to live out the principles of their faith and to embody the teachings of the Prophet Muhammad.

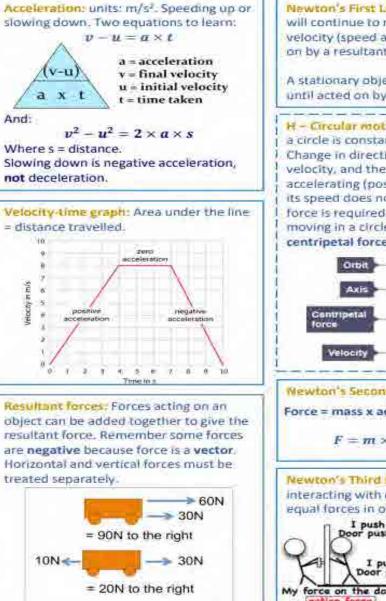
Pg 28 Science

#### EDEXCEL 9-1 Combined Science | Year 10 Physics Topic 1 - Motion, Forces and Energy | Required Knowledge

Vector	Scalar
A property with magnitude (size) & direction.	A property with magnitude (size) only.
Velocity	Speed
Displacement	Distance
Weight	Mass
Acceleration	
Force	1 m







es and Energy   Required Knowledge		CPG F	& H tier p145-164	
Newton's First Law: An moving object will continue to move at the same	Mas	s	Weight	
velocity (speed and direction) until acted on by a resultant force.	How much matter the		The force of gravity acting on the mass.	
A stationary object will remain at rest until acted on by a resultant force.	Same regardless of location.		Changes depending on location (e.g., different planets).	
H – Circular motion: An object moving in a circle is constantly changing direction.	Measured kilograms (			
Change in direction means change in velocity, and therefore the object is accelerating (positive or negative) even if	Scalar (size	ar (size only). Vector (size an direction).		
its speed does not change. This means a force is required to keep the object moving in a circle. This force is called the centripetal force.	Weight = n On Earth, g	W	avitational field strength = $m \times g$ V/kg.	
Cirbit Axis Centripetal force Velocity	kg.m/s.	n object mentum p = the mon	measure of how hard it moving. Vector. Units: = mass x velocity = $m \times v$ nentum of an object, a geded:	
Wewton's Second Law:       Force = mass x acceleration $F = m \times a$ $F = m \times a$	Force	-	time time time t	
Newton's Third Law: Two objects interacting with one another experience equal forces in opposite directions. I push on the door poor pushes back on me and Law Pairs		n is cons	wo objects: The total erved before and after	
My force on the door = Door's force on me action force equals reaction force		M	Man Vision I	

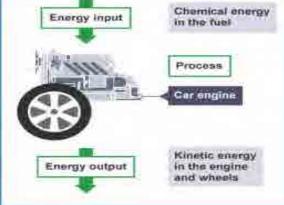
Energy stores: Energy is stored in different

- Chemical energy: Stored in chemical form, e.g.: food, fuel (e.g. petrol), batteries.
- Kinetic energy: Stored in moving. objects, e.g. car, train, sprinter.

ways.

- Thermal energy: Stored as heat, e.g.: hot water.
- Elastic potential energy: Stored in stretched materials, e.g.: springs, rubber bands.
- Gravitational potential energy: Stored In objects raised a height above ground, e.g. a ball held above the ground.
- Nuclear energy: Stored inside atoms.

Conservation of energy: Energy cannot be created or destroyed. It can only be transferred from one store to another. For example, a car transfers energy from the chemical store (fuel) to the thermal store (in the engine) and then to the kinetic store (in the wheels). The total amount of energy stays constant. This is the law of conservation of energy. Some of the energy is transferred to the thermal store as friction and not to the kinetic store in the wheels.



Energy: Energy is a body's capability to have an effect on its surroundings. For example: A hot cup of tea will heat the air around it and the table top it sits on. Units: Joules (J).

#### Stopping distance = thinking distance + braking distance.

#### Thinking distance:

- The distance travelled in the time between the driver seeing the situation and reacting.
- Affected by tiredness, drugs; alcohol; illness; distractions (e.g. using a mobile phone).

#### Braking distance:

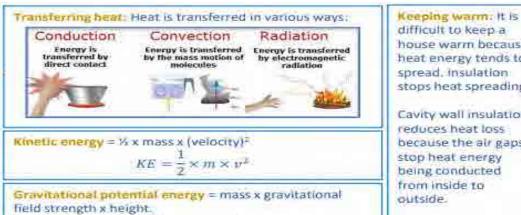
- The distance travelled while the brakes are applied.
- Slows the car down by friction.
- Affected by: Road conditions (e.g. loose) gravel, wetl; tyre conditions; weight of the vehicle.

Crash hazards: Rapid acceleration (positive or negative) - like in a car crash - is dangerous to the human body. Cars have crumple zones where the engine compartment crumples in a crash, increasing the time over which the impact takes place. This reduces the size of the acceleration felt by the passengers.

#### Energy diagrams:

Energy transfers between energy stores can be represented by Sankey diagrams.

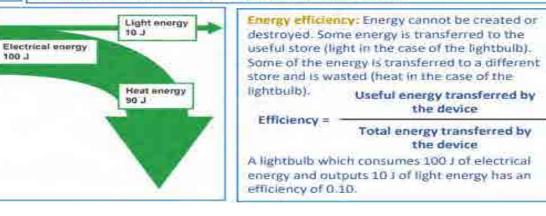
In a Sankey diagram, the width of the arrow represents the amount of energy transferred. The arrow splits into different directions for transfers to different energy stores. The Sankey diagram opposite shows energy transfers in a filament light bulb: It shows that most of the energy is wasted as heat.



 $GPE = m \times g \times h$ 

Non-renewable resources include coal, oil and gas, known as fossil fuels. When burnt they release carbon dioxide and other gases, which contribute to climate change. Nuclear fuel (uranium) is also non-renewable but contributes less to climate change. Instead it leaves nuclear waste, which remains dangerous for thousands of vears.

Renewable resources include solar cells, hydroelectricity, wind turbines and tidal power. Renewable resources will not run out. They do not generate carbon emissions. Renewable resources are being increasingly used as they become cheaper and as non-renewable resources begin to run out. Bio-fuels are made from animal waste or plants. They are burned to generate energy,



## cience house warm because heat energy tends to stops heat spreading.

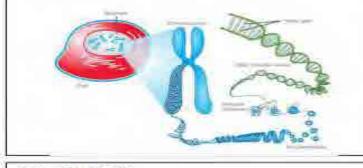
Pg 29



#### EDEXCEL 9-1 Combined Science | Biology Topic 3 - Genetics | Required Knowledge

#### DNA (Pg 27)

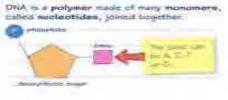
- DNA is the genetic material contained in the nucleus of a cell
- The entirety of the human DNA is called the genome.
- DNA is contained within the chromosomes inside the nucleus.
- It has a double helix shape.



#### Base pairs (Pg 27)

- Four base pairs:
  - A (adenine)
  - T (thymine)
  - C (cytosine)
  - G (guanine)
- Base pairs are bonded together with hydrogen bonds
- A always bonds with T, C always bonds with G
  - These are known as complimentary base pairs
- Each base is attached to a sugar and phosphate backbone. Together these are known as a





#### Extracting DNA (Pg 27)

- Mix washing up liquid (breaks down cell membranes) and salt (dumps DNA together)
- 2. Mash fruit (breaks up cells)
- Filter (separates solid lumps of fruit and the now dissolved DNA)
- Gently add ice-cold ethanol (DNA is insoluble in ethanol, so precipitates out to be collected).



#### Genes & Alleles (Pg 28)

- Genes are short lengths of DNA that code for s specific protein.
- This means they control certain features (e.g. eye colour)
- Alleles are different versions of the same gene (e.g. blue eye gene or brown eye gene.)
- You have two alleles for each gene, one from Mum and the other from Dad.
- Alleles can be dominant (use a capital letter) or recessive (use a lower-case letter)
   Aa

#### CPG F & H tier: pages 27-28.

#### Genetics keywords (Pg 28)

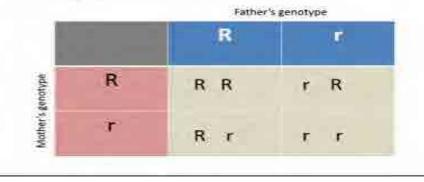
Ney word	Definition
Gene	A section of DNA that codes for one thing.
Attele	A different version of the same gene.
Offspring	The 'children' of an organism.
Dominant	The stronger allele.
Recessive	The weaker allele.
Homozygous	Having 2 of the same allele.
Heterozygous	Having 2 different alleles.
Genotype	The different alleles that an organism has e.g. Rr
Phenotype	The characteristic the organism has. E.g. purple flowers

#### Genetic diagrams (Pg 28)

- Used to predict the possible outcomes of a cross depending on the parents genotypes.
- Two kinds



Punnett squares are easier to use



Pg 31

cience

#### EDEXCEL 9-1 Combined Science | Biology Topic 3 – Genetics | Required Knowledge

#### Probabilities (Pg 28)

#### Possible outcomes are represented as probabilities.



### RR = 1/4 = 25% = 0.25 Rr = 2/4 = 50% = 0.50

- Rr = 1/4 = 25% = 0.25

#### Sex determination (Pg 29)

- The sex of a child dependent on the 23<sup>rd</sup> pair of chromosomes (either X or Y)
  - XX = woman
  - XY = Man

#### Use a Punnett square to show the probability of having a boy or



#### - XX = 2/4 = 50% chance girl

XY = 2/4 = 50% chance of boy

#### Variation (Pg 30)

- Differences in the same species is known as variation.
- Variation can be inherited from parents (e.g. eye colour)
- Variation can be environmental (e.g. a scar or tattoo)
- Variation can be a combination of **both** inheritance and environment. (e.g. weight)

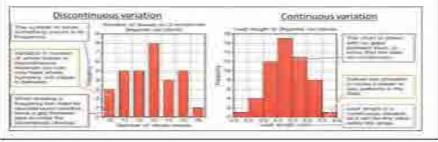
#### Pedigree charts (Pg 29)

- Used to track genetic disorders which can be passed from parent to child.
- Parents can be carrier of the gene that causes the disease but not suffer with the disease.

The local division of	L V		
states and states and	Ö-Ö	õ-D	0
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	0	00	a

#### Studying variation (Pg 6)

- Data gathered can be either continuous (data can be any value in a range) or discontinuous (data can only take on a limited number of values)
- Plotted on bar graphs with differences in how each is plotted.



#### CPG F & H tier: pages 6, 28-31

#### Mutation (Pg 30)

- Mutations are caused by changes to the original DNA code in an organism.
- Mutations can cause changes in phenotype if the code of certain genes is changed.
- These changes to specific genes bring about different alleles.
- Mostly mutation cause no change to phenotype at all.

#### Human Genome Project (Pg 31)

- Complete map of the human genome.
- Decoding the base pairs making up all the genes in our DNA.
- Took 13 years to complete.

#### Advantages

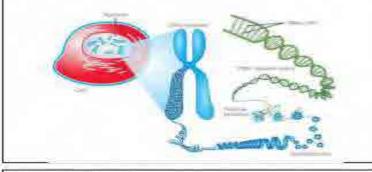
- Predicting and preventing inherited diseases (see if genes known to interact to cause like heart disease or cancer present – make changes to lifestyle accordingly)
- Testing and treatment for inherited disorders (look to see if disease exists before baby is born)
- Development of new drugs where known interactions between drugs and genes is known.
- Disadvantages
  - Stress/worry (if you possess a known disease gene)
  - Gene-ism (people pressured not to have a baby of they have a known gene)
  - Discrimination (people with known genes prevented from getting jobs or health insurance)

#### EDEXCEL 9-1 Separate Science | Biology Topic 3 – Genetics | Required Knowledge

#### CPG Biology: pages 34 & 38.

#### DNA (Pg 34)

- DNA is the genetic material contained in the nucleus of a cell
- 1 The entirety of the human DNA is called the genome.
- DNA is contained within the chromosomes inside the nucleus.
- It has a double helix shape.

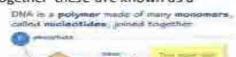


#### Base pairs (Pg 34)

- Four base pairs:
  - A (adenine)
  - T (thymine)
  - C (cytosine)
  - G (guanine)
- Base pairs are bonded together with hydrogen bonds
- A always bonds with T, C always bonds with G
  - These are known as complimentary base pairs
- Each base is attached to a sugar and phosphate 2 backbone. Together these are known as a

Advanced Integral





#### Extracting DNA (Pg 34)

- 1. Mix washing up liquid (breaks down cell membranes) and salt (clumps DNA together)
- 2. Mash fruit (breaks up cells)
- 3. Filter (separates solid lumps of fruit and the now dissolved DNA)
- 4. Gently add ice-cold ethanol (DNA is insoluble in ethanol, so precipitates out to be collected).



#### Genes & Alleles (Pg 38)

- Genes are short lengths of DNA that code for s specific protein.
- This means they control certain features (e.g. eye colour)
- Alleles are different versions of the same gene (e.g. blue eye gene or brown eye gene.)
- You have two alleles for each gene, one from Mum and the other from Dad.
- Alleles can be dominant (use a capital letter) or recessive (use a lower-caseletter) - Aa

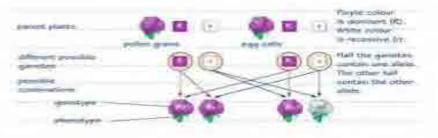
Genetics keywords (Pg 38)

	and Share and	
Keyword	Definition	
Gene	A section of DNA that codes for one thing.	
Allele	A different version of the same gene.	
Offspring	The 'children' of an organism.	
Dominiant	The stronger allele.	
Recessive	The weaker allele.	
Homozygous	Having 2 of the same allele.	
Heterozygous	Having 2 different alleles.	
Genotype	The different alleles that an organism has e.g. Rr	
Phenotype The characteristic the organism has. E.g. purp Bowers		

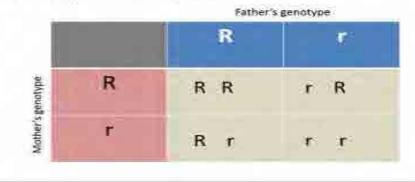
#### Genetic diagrams (Pg 38)

Used to predict the possible outcomes of a cross depending on the parents genotypes.

Two kinds - .



Punnett squares are easier to use -

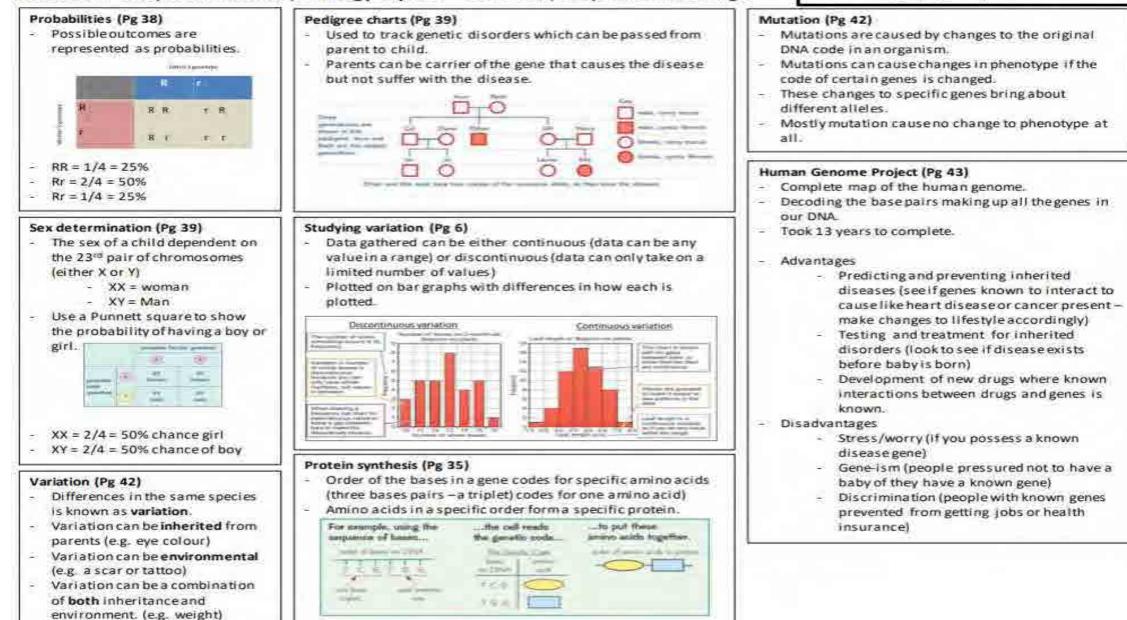


Pg 33

CPG Biology: pages 6, 38-39. 42-43.

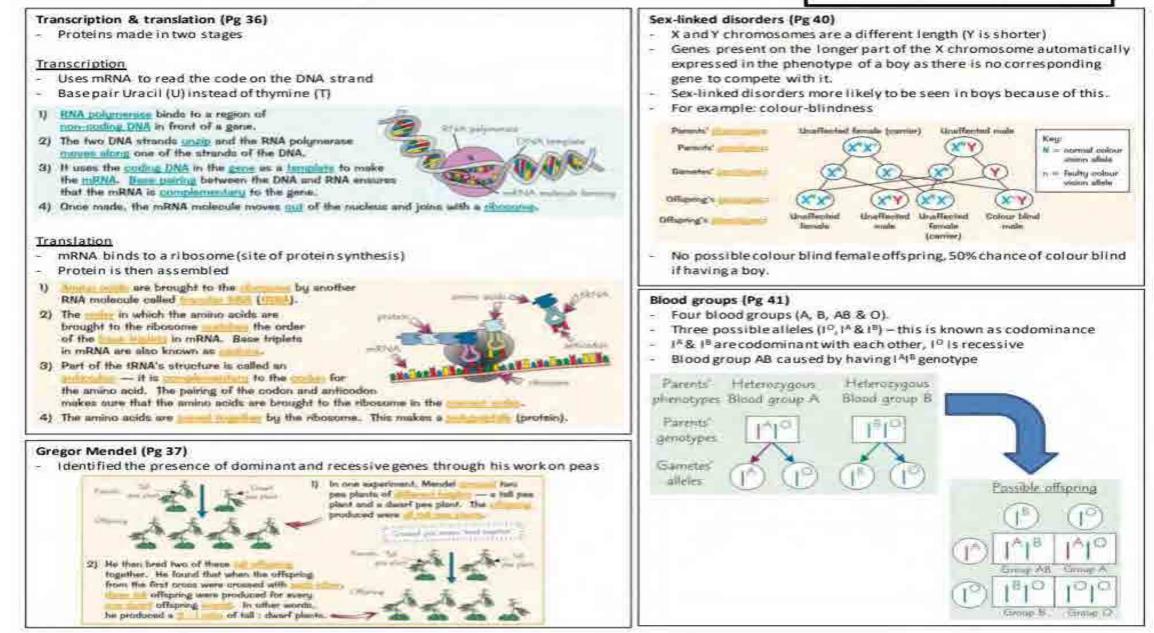
# Science

#### EDEXCEL 9-1 Separate Science | Biology Topic 3 - Genetics | Required Knowledge



#### EDEXCEL 9-1 Separate Science | Biology Topic 3 - Genetics | Required Knowledge

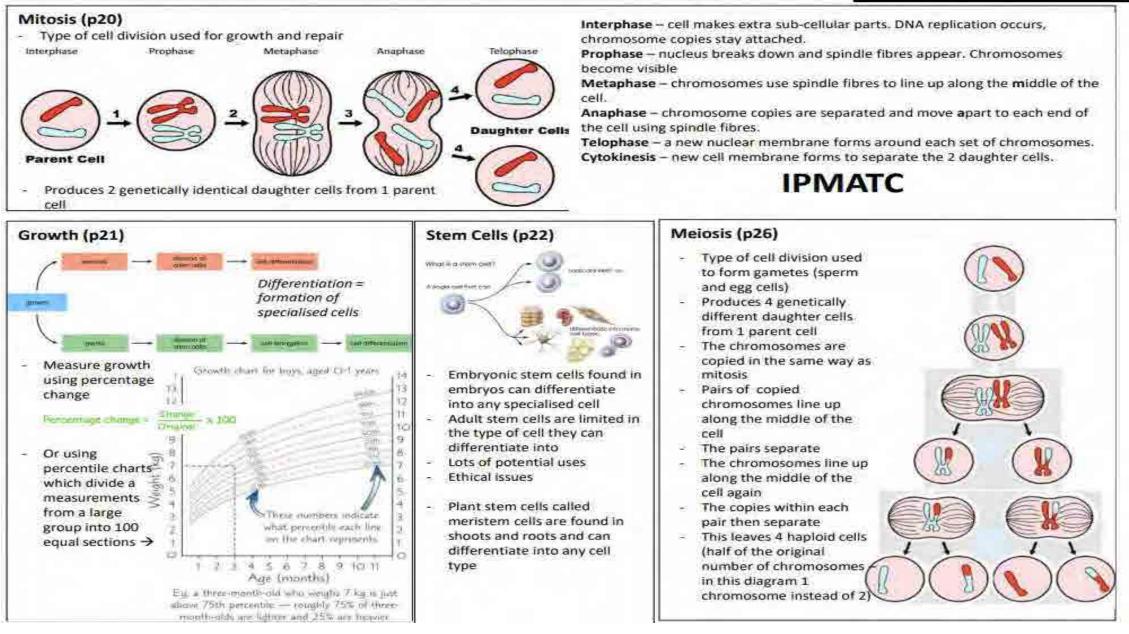
#### CPG Biology: pages 36-37. 40-41.

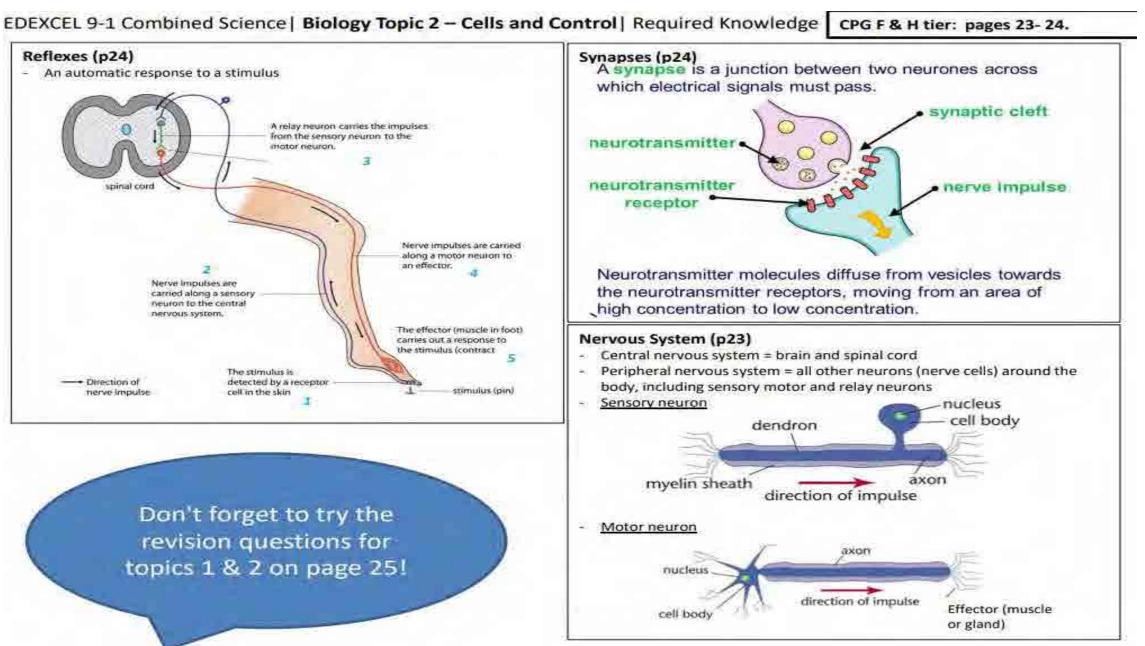


Pg 34

cience

#### EDEXCEL 9-1 Combined Science | Biology Topic 2 - Cells and Control | Required Knowledge | CPG F & H tier: pages 20-22. 26.





<sup>5</sup> Science

	¿Cuál es tu festival favorito?	What is your favourite festival
	Mi festival favorito es	My favourite festival is
*	La Navidad	Christmas
2	La Nochebuena	Christmas Eve
a a	La Nochevieja	New Year's Eve
411	El día de año nuevo	New Year's Day
-	El día de los Reyes Magos	Three Wise Men Day
(P	La Semana Santa	Easter / Holy Week
٨	Las hogueras	The bonfires
SE	La feria de abril	The April fair
	Día de muertos	The day of deaths
-	El cumpleaños	Birthday
tet.	El carnaval	Carnival
1	La feria	Fair
2	El día de la madre	Mother's day
	El día del padre	Father's day
WE	El día festivo	Bank Holiday
	El encierro	The bull running
A.	Las fallas	Fallas
A	Els castells	Human towers
0	La Tomatina	Tomato festival

# 9.12 Festivals Spanish Vocab List

¿Qué hacemos para celebrar? Me levanto Me ducho Me visto **Recibo regalos** Soplo velas Monto el árbol de Navidad Compro ropa nueva Voy a la iglesia Voy a la mezquita Voy a la plaza Voy a casa de... ... llega Comemos... Ayunamos Jugamos a juegos de mesa Celebramos Lo paso muy bien Me acuesto Voy a dormir

What do we do to celebrate
l get up
I shower
l get dressed
I receive presents
I blow candles
I put up the Christmas tree
I buy new clothes
I go to church
I go to the mosque
I go to the square
I go to's house
arrives
We eat
We fast
We play table games
We celebrate
I have a good time
I go to bed
I go to sleep

How is it like?	
Exciting	
Moving	
Fun	
Unbearable	
Striking	
	Exciting Moving Fun Unbearable

-		
	Cabot	
1	Learning	
11	Federation	

Los toros
Las calles
Correr
Las corridas de toros
Los encierros
La plaza de toros

San Fermin

¿Qué pasa en los encier

las corridas de toros ?

ros /	What happer running / bul	
	A bull running	
	in Pamplona	every July
	The bulls	Samo (Cincoli)
	The streets	
	To run	900.00
	Bullfighting	all?
	Bull running	24 4

The bullring



SQUID EXERTIMATING FUILLET	Writed Incoming an Fellow?
Fallas	A festival held in Valencia every March
La hoguera	The bonfire
El cartón	Cardboard
Las fallas	Sculptures made of cardboard
Los fuegos artificiales	Fireworks 7
Los petardos	Firecrackers
Las bandas de música	Music bands

¿Qué pasa en la Tomatina?	What happens in the tomato festival?	
La gente	People	
Lanza tomates	Throw tomatoes	
Aplasta tomates	Squish tomatoes	
Se ensucia	Gets dirty	
Tiene lugar en Buñol	Takes place in Buñol	
La batalla	The battle	
El caos	Chaos	

# Pg 37

# Spanish



# 9.12 Geography & History Spanish Vocab List

La geografía	Geography	
El país	The country	
La región / la comunidad	The region	
La ciudad	The city	
El pueblo	The town/ village	
La costa	The coast	
Las islas	The islands	
El interior	The inland regions	
LI INCELIOI	the manufegio	

#### La historia Castellano / Español

La Reconquista

#### Moros

Conquistadores

La Colonización La Guerra Civil Española

La Dictadura fascista

La Transición

La monarquía parlamentaria

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Spanish language

Christian kingdoms

modern-day Spain in

1936 and 1939

Conquerors of American

The fascist dictatorship in

Transition into democracy

after the dictatorship

Spain: a parliamentary

monarchy, like in the UK

Period of time when the

History

#### iHolal **Buenos días** tion Buenas tardes **Buenas noches** ¿Cómo te llamas? Me llamo ... iAdiós! Hasta luego / hasta la vista Por favor Gracias Muchas gracias De nada Perdone / Perdón Lo siento ¿Habla inglés? Hablo un poco de español "reconquered" the península No entiendo from the Muslims (Moors). ¿Dónde hay un buen Moors - Muslim inhabitants of restaurante? ¿Dónde está el centro / la playa? territories in the 16th century Me he perdido Colonisation of the Americas Busco un hotel / un hospital The Spanish Civil war between / un banco Busco la estación / el aeropuerto / la parada de Spain between 1939 and 1975 bus ¿Me podría sacar una foto? iCuidadol The current political system in [Vamos]

El lenguaje de todos los días

Everyday language
Hello
Good morning
Good afternoon
Good night
What's your name?
My name is
Goodbye
See you later
Please
Thank you
Thanks a lot
You are welcome
Excuse me / Apologies
I'm sorry
Do you speak English?
I speak a bit of Spanish
I do not understand
Where is a good
restaurant?
Where is the centre / the
beach?
I am lost
I am looking for a hotel /
hospital / bank
I am looking for the statio

Could you take a picture? Be carefull Let's gol

/ airport/ bus stop

Pg 38

Spanish



The preterite tense of regular verbs is formed on an infinitive stem with the following endings:

Infinitive:	hablar	comer	vivir	
Stem:	habl-	com-	viv-	
Yo (I)	hablé	comí	viví	
Tú (you)	hablaste	comiste	viviste	
él/ella/usted (he/she/you)	habló	comió	vivió	
Nosotros (We)	hablamos	comimos	vivimos	
Vosotros (You all)	hablasteis	comisteis	vivisteis	
ellos/ustedes (They/ you all)	hablaron	comieron	vivieron	

Ser / Ir (To be /to go)

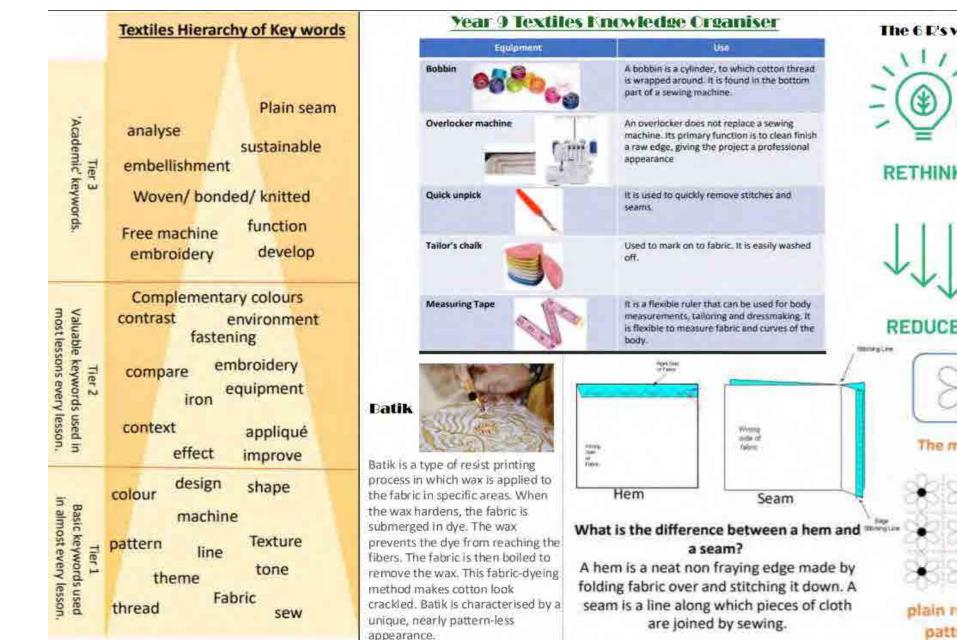
fui (I was / I went) Fuiste ( You were / You went) Fue (he/she was // he /she went) Fuimos (we were / we went) Fuisteis (you all were / you all went) Fueron (they were /they went)

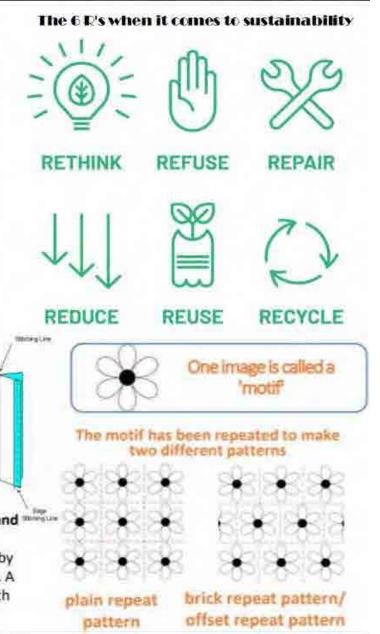
The future tense of **regular verbs** is formed adding the endings **e**, **as**, **a emos**, **eis**, **an** to the infinitive.

F	UTURE S	IVIPLE						
Person	Verbs							
	Hablar	Comer	Vivir					
Yo	hablar - 🙋	comer - 🦻	vivîr - é					
Tú	hablar - <mark>ás</mark>	comer - âs	vivir - ás					
Usted, él, ella	hablar - 🧃	comer - a	vivir - ä					
Nosotros-as	hablar - emos	comer - emos	vivir - emos					
Vosotros-as	hablar - <mark>él</mark> S	comer - ĕis	vivir - ēls					
Ustedes, ellos, ellas	hablar - ân	comer - ăn	vivir - ân					

Regula	r verbs – pre	esent tense	endings		
	AR verbs	ER verbs	IR verbs		
1	0	0	0		
you	as	es	es		
he/she/it	а	е	е		
we	amos	emos	imos		
you(pl)	áis	éis	ís		
they	an	en	en		



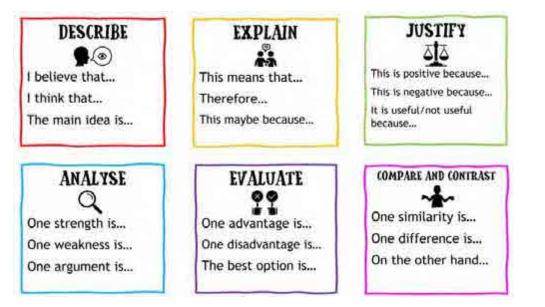




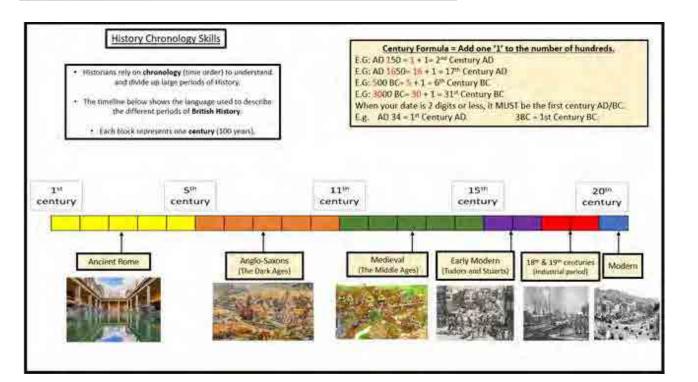
**Textiles** 

### Use these in your writing and speaking

Use connectives to link each paragraph!	Explain an idea: • Although • Except • Unless • However • Therefore	<ul> <li>Sequencing:</li> <li>Firstly</li> <li>Secondly</li> <li>Next</li> <li>Finally</li> <li>Since</li> </ul>		
Adding to: • Furthermore • Also • As well as • Moreover	Cause and effect: Thus So Therefore Consequently	Contrasting: • Whereas • Instead of • Alternatively • Otherwise • Then again		
To empathise: • Above all • Ultimately • Especially • Significantly	To compare: • Likewise • Equally • In the same way • Similarly	Give examples: Such as For example In the case of As revealed by For instance		



## Sentence starter phrases Most people would agree... Only a fool would think... We all know... A sensible idea would be... The fact is that... Surely you would agree that... Without a doubt... I am certain that... Some people might argue... However... Also...



## Use these in your writing and speaking in DT

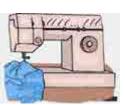


# **Design and Technology Keywords**

Food and Nutrition	Design and Technology	Textiles
Caramelisation	Carbon footprint	Plain seam
Aeration Amino acids	Planned Obsolescence	analyse sustainable
Plasticity Shortening	Iterative Design Tolerance	embellishment
Denaturation Coagulation	Technology Push Anthropome <mark>trics</mark>	Woven/ bonded/ knitted
Gelatinisation	Consumer Social Footprint	Free machine function
Emulsification Pasteurisation	Ergonomics Forming Processes	embroidery develop
Unsaturated Protein Radiation Saturated	Aesthetics Target Market	Complementary colours contrast environment
Carbohydrates	Properties Deciduous	fastening
Conduction	Coniferous	compare embroidery
Deficiency Digest	Automation Functionality	equipment
Convection Cross-contamination	Primary Source Sustainability	context appliqué
Micro-organisms	Continuous Improvement	effect improve
Flavour Claw grip	Cost Customer	colour design shape
Texture Aroma	Materials Annotation	machine
Nutrients Energy	Product Safety	pattern line Texture
Appearance Bridge hold	Design Environment	theme Fabric
Mix Smell	User Prototype	thread sew







#### **Sentence Starters - DT**

I have designed...because My project was about... I found... during my research My design is suitable for... I have learnt how to... The most enjoyable part of my project was.... The area I found the most challenging was... Equipment I have used include... I would improve my work by... I am pleased with my finished product because...

#### Sentence Starters- Food and Nutrition

In order to work hygienically/safely I made sure I .... I worked safely when in the kitchen by... If I could improve any skill, I would improve...because... Overall, I am happy/unhappy with my progress/dish because....

The texture of my dish is... this is because...

#### **Sentence starters- Textiles**

I have designed.... The context of my design is... My research is useful because... By researching, I am able to ..... By researching I have found out.... I researched into.... My design is suitable for..... My design is based upon... I have planned to.. The order I will work in is... The most enjoyable part of m project was... The area I found most challenging was... I am most pleased with... I am pleased with my finished project because... Equipment I used was...

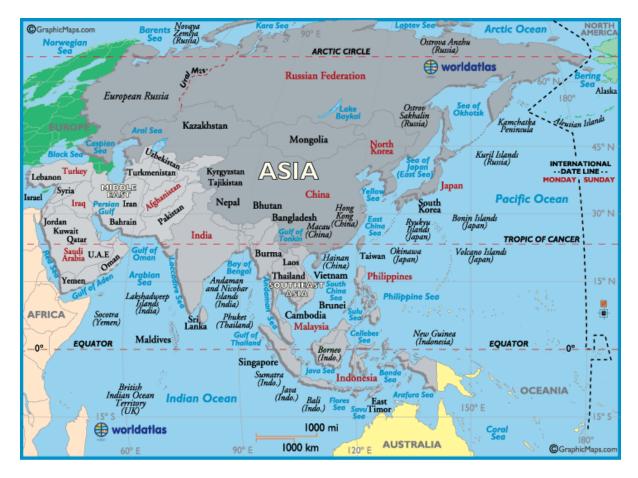


# The periodic table of the elements

1	2			Key			1 H Nyteger 1					3	4	5	6	7	0 4 He return 2
7 Ц 3	9 Be beryllium 4		ato	ve atomic mic sym	bol							11 B toron 5	12 C carton 6	14 N ntropon 7	16 0 0%000 8	19 F Micone 9	20 Ne 10
23 Na sodum 11	24 Mg magneatum 12											27 Al 13	28 Si 14	31 P phosphoron 15	32 S 16	35.5 CI ctiones 17	40 Ar 18
39 K pominikum 19	40 Ca caldum 20	45 Sc standum 21	48 Ti 990num 22	51 V striedum 23	52 Cr droman 24	55 Mn 25	56 Fe 26	59 Co 000000 27	59 Ni nktel 28	63.5 Cu 29	65 Zn arc 30	70 Ga online 31	73 Ge germankum 32	75 As meric 33	79 Se selarium 34	80 Br browing 35	84 Kr knoten 36
85 Rb 1054 37	88 Sr stordum 38	89 Y 39	91 Zr zroonium 40	93 Nb noblum 41	96 Mo recitioner 42	[98] Tc technetium 43	101 Ru oteraum 44	103 Rh modum 45	106 Pd patadum 46	108 Ag 47	112 Cd catmium 48	115 In indum 49	119 Sn 50	122 Sb artmony 51	128 Te Munum 52	127 1 iodine 53	131 Xe 54
133 Cs 55	137 Ba 56	139 La* Institution 57	178 Hf hatnam 72	181 Ta sensium 73	184 W transpatien 74	186 Re menum 75	190 Os 76	192 Ir mdum 77	195 Pt platnum 78	197 Au 984 79	201 Hg 80	204 TI traffurm 81	207 Pb seat 82	209 Bi 83	[209] Po potenant 84	[210] At 85	[222] Rn ada 86

\* The elements with atomic numbers from 58 to 71 are omitted from this part of the periodic table.

The relative atomic masses of copper and chlorine have not been rounded to the nearest whole number.





#### Subject websites

These websites will help you with homework, reading around the subject and revision

## <u>English</u>

<u>https://www.sparknotes.com/</u> - Macbeth, A Christmas Carol, An Inspector Calls <u>https://app.senecalearning.com</u>/ - Macbeth, A Christmas Carol, An Inspector Calls, Power and Conflict Poetry

https://www.bbc.com/bitesize - Macbeth, A Christmas Carol, An Inspector Calls

#### <u>Maths</u>

https://corbettmaths.com/ https://vle.mathswatch.co.uk/vle/ https://www.mathspad.co.uk/

#### Science:

https://www.bbc.com/bitesize https://www.senecalearning.com/ https://www.memrise.com/

#### **Geography**

Time for Geography - videos (mainly focused on physical processes) Bitesize Cool Geography

#### <u>History</u>

Seneca Learning BBC bitesize - use Edexcel resources for GCSE.

#### Art Websites

https://www.tate.org.uk/ https://www.bbc.co.uk/bitesize/subjects/z6f3cdm https://www.incredibleart.org/

<u>Computer Science and IT.</u> www.mrahmedcomputing.co.uk

#### <u>Drama</u>

https://youtu.be/VeTpob9LBM8 https://youtu.be/wISEU13mRBE https://www.bbc.co.uk/bitesize/guides/zsf8wmn/revision/1

#### <u>DT:</u>

http://www.mr-dt.com/ http://technologystudent.com/ https://www.senecalearning.com/

#### <u>PE</u>

https://www.bbc.com/bitesize/examspecs/ztrcg82 https://sites.google.com/view/ocrgcseperevision/home

<u>RS</u>

KS3 https://www.bbc.co.uk/bitesize/subjects/zh3rkqt

# <u>Timetable</u>

Tuesday	Wednesday	Thursday	Friday