2025/26

Cycle 2 Knowledge Navigator

Year 10

Name:

Form:

Morning Meeting Homework

Purpose: to memorise and recall key facts from previous learning

100% Sheets

Purpose: to memorise and recall key facts for current learning

RCWC repeat!

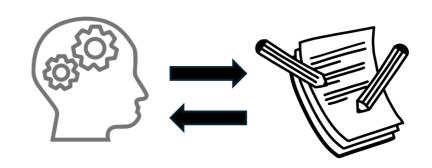
Read the information and try to memorise it.

Cover up the information so you can't see it.

Write down as much as you can remember.

Check what you've written down against the information, and green pen what you've missed.

Repeat this to fill a minimum of 1 A4 side. The more you repeat this process, the more facts you will remember for your exams!



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1	Morning Meeting Homework								
2	French								
4	Science								
6	History								
8	Geography								
11	English								
13	RE								

100% Sheets					
15	Maths				

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	Week 1		Week 2			Week 3		Week 4		Week 5
Monday	8/12/25	French	15/12/25	French	5/1/26	French	12/1/26	French	19/1/26	French
Tuesday	9/12/25	Science B4 Box 1 & 2	16/12/25	Science B4 Box 3, 4 & 5	6/1/26	Science B4 Box 6 & 7	13/1/26	Science P2 Box 1 & 2	20/1/26	Science P2 Box 3 & 4
Wednesday	10/12/25	RE	17/12/25	RE	7/1/26	RE	14/1/26	RE	21/1/26	RE
Thursday	11/12/25	English Box A Sparx Maths	18/12/25	English Box B Sparx Maths	8/1/26	English Box C Sparx Maths	15/1/26	English Box D Sparx Maths	22/1/26	English Box E Sparx Maths
Friday	12/12/25	Geography 1/ History A	19/12/25	Geography 2 / History B	9/1/26	Geography 3/ History C	16/1/26	Geography 4/ History D	23/1/26	Geography 5 / History E
	,	Week 6		Week 7		Week 8		Week 9	v	Veek 10
Monday	26/1/26	French	2/2/26	French	9/2/26	French	23/2/26	French	2/3/26	French
Tuesday	27/1/26	Science B4 Box 1&2	3/2/26	Science B4 Box 3,4 & 5	10/2/26	Science B4 Box 6 & 7	24/2/26	Science P2 Box 1 & 2	3/3/26	Science P2 Box 3 & 4
Wednesday	28/1/26	RE	4/2/26	RE	11/2/26	RE	25/2/26	RE	4/3/26	RE
Thursday	29/1/26	English Box F Sparx Maths	5/2/26	English Box G Sparx Maths	12/2/26	English Box H Sparx Maths	26/2/26	English Box A Sparx Maths	5/3/26	
Friday	30/1/26	Geography 6/ History F	6/2/26	Geography 7/ History G	13/2/26	Geography 8 / History H	27/2/26	Geography 9 / History G	6/3/26	
	v	Veek 11	\	Week 12	١ ١	Week 13				
Monday	9/3/26	French	16/3/26	French	23/3/26	French			-	
Tuesday	10/3/26	Science B4 Box 1 & 2	17/3/26	Science B4 Box 6 & 7	24/3/26	Science P2 Box 3 & 4	DIXONS			
Wednesday	11/3/26	RE	18/3/26	RE	25/3/26	RE	COLLINGLE		GLEY	
Thursday	12/3/26	English Box B Sparx Maths	19/3/26	English Box C Sparx Maths	26/3/26	English Box D Sparx Maths	ACADEMY			ΛΙΥ
Friday	13/3/26	Geography 10 / History A	20/3/26	Geography 11 / History A	27/3/26	Geography 1 / History B				

2	French	Travel and Tourism (LE 2	Year 10	
	We	ek 1		Week 2		Week 3		
	Countrie	s/Places		Wea	ather	For	ms of Travel	
aux États-Unis	in/to the USA	marocain	Moroccan	le météo	the weather forecast	en avion	by plane	
au Maroc	in/to Morrocco	belge	Belgian	il fait beau	it's nice	en train	by train	
en Suisse	in /to Switzerland	chinois	Chinese	il y fait du soleil	it's sunny	en autobus	by bus	
en Espagne	in/to Spain	francophone	French speaking	il fait chaud	it is hot	en car	by coach	
en Angleterre	in/to England	québécois	From Québec (Canada)	il fait froid	it is cold	en voiture	by car	
au Pays de Galles	in/to Wales	suisse	Switzerland	il pleut	it's raining	en bateau	by boat	
en Tunisie	in/to Tunisia	arabe	Arabic	il neige	it's snowing	en TGV	by high speed train	
en Belgique	in/to Belgium	africain	African	il fait du vent	it's windy	à pied	on foot	
en Écosse	in/to Scotland	man dial	al a b a l	la pluie / la neige	rain / snow	à vélo	by bike	
la Manche	the Channel	mondial	global	le brouillard	fog	à métro	by underground	
	We	ek 4			We	ek 5		
	Places to st	ay/facilities		Verbs/Activities				
un gite	a holiday home	une vue	a view	rester	to stay	aller à la montagne	to go to the mountains	
une tente	a tent	une piscine	a swimming pool	louer	to hire	aller à un parc	to go to an	
		·				d'attractions	amusement park	
un château	a castle	la plage	the beach	partir	to leave	visiter un musée	to visit a museum	
un chalet	a wooden house in the mountains	la climatisation	air con	voler	to steal	acheter des souvenirs	to buy souvenirs	
au bord de la mer	by the sea	une douche/ un bain	a shower / a bath	profiter de	to make the most of	faire une promenade	to go on a walk	
une chambre	a room	un grand lit	a double bed	dormir	to sleep	faire les magasins	to go shopping	
une île	an island	la porte	door	passer du temps	to spend time	faire du tourisme	to do tourist activities	
un spectacle	a show	l'accueil	reception / welcome	voyager	to travel	sortir en ville	to go out into the town	
le pont	the bridge	l'étage	floor	perdre	to lose	essayer voir	to try to see	

3	French	Free Time Activities			CYC	CLE 2	Year 10
Week 6		Week 7		Week 8		Week 9	
Pas	st Perfect		s verbs	Hobbies verbs			s nouns
Je suis allé	I went	jouer	to play	marcher	to walk	un passe-temps	a hobby
Je suis resté	I stayed	faire	to do	ouvrir	to open	un journal	a newspaper
J'ai fait	I did	aller	to go	s'intéresser à	to be interested in	un jeu	a game
J'ai nagé	I swam	écouter	to listen	monter	to climb	le prix	the prize
J'ai commandé	I ordered	regarder	to watch	gagner	to win/earn	un stade	a stadium
J'ai traversé	I crossed	manger	to eat	acheter	to buy	un livre	a book
J'ai rêvé	I dreamt	se relaxer	to relax	perdre	to lose	un voyage	a trip
J'ai dormi	I slept	chanter	to sing	sortir	to go out	un vêtement	clothing
J'ai acheté	I bought	danser	to dance	participer à	to participate in	un plat	a dish
J'ai organisé	I organised	lire	to read	visiter	to visit	la formation	training
Wee	ek 10	Wee	k 11	Wee	ek 12	Week 13	
Opin	ions	Spo	orts	Adjed	ctives	Adjectives	
j'aime	I like	la natation	swimming	sportif	sporty	intéressant	interesting
j'adore	I love	la gymnastique	gymnastics	ouvert	open	ennuyeux	boring
je n'aime pas	I don't like	la voile	sailing	complet	full	super	super
je déteste	I hate	le ski	skiing	actif	active	atroce	atrocious
je préfère	I prefer	le cyclisme	cycling	jeune	young	marrant	funny
mieux que	better than	le foot	football	populaire	popular	nul	rubbish
pire que	worse than	le volley	volleyball	gratuit	free (no cost)	amusant	fun
le meilleur	the best	la boxe	boxing	sûr	safe	fantastique	fantastic
le pire	the worst	la plongée	diving	dangereux	dangerous	barbant	dull, tiresome
ce qui est bien/mal	what is good/bad	le tennis	tennis	passionant	exciting	relaxant	relaxing

Maximising growth: artificial lights so photosynthesis continues beyond daylight hours, use of paraffin

Limiting factors are important in the economics of enhancing the conditions in greenhouses to gain

the maximum rate of photosynthesis while still maintaining profit.

used to produce cellulose, which strengthens the cell wall

used to produce amino acids for protein synthesis.

3. Uses of glucose from photosynthesis

converted into insoluble starch for storage

The glucose produced in photosynthesis may be:

used to produce fat or oil for storage

lamps producing CO2 and heat.

used for respiration

into glucose. Oxygen debt is the amount of extra oxygen the body needs after exercise to react with the accumulated lactic acid and remove it from the cells.

7. Metabolism

Metabolism is the sum of all the reactions in a cell or the body.

The energy transferred by respiration in cells is used by the organism for the continual enzymecontrolled processes of metabolism that synthesise new molecules.

- Metabolism includes:
- conversion of glucose to starch, glycogen and cellulose
- the formation of lipid molecules from a molecule of glycerol and three molecules of fatty acids
- the use of glucose and nitrate ions to form amino acids which in turn are used to synthesise
- respiration

proteins

To produce proteins,

plants also use nitrate ions

that are absorbed from the

soil.

breakdown of excess proteins to form urea for excretion.

1. Circuit symbols

switch (open)

switch (closed)

_+|⊢ ce

+ |---- | batter



resisto



LED LED

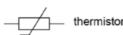








voltmeter





2. Current, potential difference and resistance

For electrical charge to flow through a closed circuit the circuit must include a source of potential difference.

Electric current is a flow of electrical charge. The size of the electric current is the rate of flow of electrical charge.

Charge flow (in coulombs) = current (in Amps) \times time (in seconds) [Q = I t]

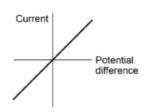
A current has the same value at any point in a single closed loop.

The current (I) through a component depends on both the resistance (R) of the component and the potential difference (V) across the component. The greater the resistance of the component the smaller the current for a given potential difference (pd) across the component.

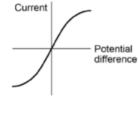
pd (in volts) = current (in Amps) × resistance (in ohms) [V = I R]

constant temperature) is directly proportional to the potential difference across the resistor. This means that the resistance remains constant as the current changes.

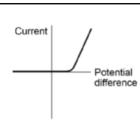
The current through an conductor (at a



The resistance of components such as lamps, diodes, thermistors and LDRs is not constant; it changes with the current through the component. The resistance of a filament lamp increases as the temperature of the filament increases.



The current through a diode flows in one direction only. The diode has a very high resistance in the reverse direction.



The resistance of a thermistor decreases as the temperature increases. The resistance of an LDR decreases as light intensity increases

3. Series and parallel circuits There are two ways of joining electrical components, in series and in parallel.

For components connected in **series**:

- there is the same current through each component
- the total potential difference of the power supply is shared between the components
- the total resistance of two components is the sum of the resistance of each component.

 R_{total} = R1 + R2 (in ohms, Ω)

For components connected in **parallel**:

- the potential difference across each component is the same
- the total current through the whole circuit is the sum of the currents through the separate components
- the total resistance of two resistors is less than the resistance of the smallest individual resistor.

4. Domestic uses and safety

In the UK, mains electricity is an ac supply, has a frequency of 50 Hz and is about 230 V.

Most electrical appliances are connected to the mains using three-core cable. The insulation covering each wire is colour coded for easy identification: live wire – brown, neutral wire – blue, earth wire – green & yellow stripes. The live wire carries the alternating potential difference from the supply. The neutral wire completes the circuit. The earth wire is a safety wire to stop the appliance becoming live.

5. Energy transfers

power = potential difference × current [P = V I]

power = $current^2 \times resistance [P = I^2R]$

The amount of energy an appliance transfers depends on how long the appliance is switched on for and the power of the appliance. Work is done when charge flows in a circuit. The amount of energy transferred by electrical work can be calculated using the equation:

energy transferred = power × time [E = Pt] (or) energy transferred = charge flow × potential difference [E = Qt]

The National Grid is a system of cables and transformers linking power stations to consumers. Step-up

energy to

use.

transformers are used to increase the potential difference from the power station to the transmission cables then step-down transformers are used to decrease the potential difference for safer domestic

6. Static electricity

When certain insulating materials are rubbed against each other they become electrically charged.

Negatively charged electrons are rubbed off one material and on to the other. The material that gains electrons becomes negatively charged. The material that loses electrons is left with an equal positive charge.

Two objects that carry the same type of charge repel. Two objects that carry different types of charge attract. Attraction and repulsion between two charged objects are examples of non-contact force.

A charged object creates an electric field around itself. The electric field is strongest close to the charged object. The further away from the charged object, the weaker the field. A second charged object placed in the field experiences a force. The force gets stronger as the distance between the objects decreases.

6 History		Medieval Migra	tion	CYCLE 2	Year 10
Section A – Caus Migrants	sation Jewish	Section B – Italian Migrants	Section C – Flemish Migrant	s Section	D – Diversity of Migrants
following Normas he needed to the contribution Jews were more money to Kings Christians did Pope said it was Christians relie Small amounts loans castles and c	iam the Conqueror man conquest of 1066, their expert money skills a of the Jews in England neylenders – they lent is and traders not lend money - the as sinful – therefore ed on Jews for loans is loaned to traders, vast ed to kings to build athedrals Jews living in England unities lived together in towns - called Jewries Jews generally accepted ciety as they made the C Libel – in 1255 Jews sappearance of a young sed of ritual murder and ed new law in 1275 - ry -Jews no longer money lenders - all them cancelled. Il expels all 3000 Jews	 Why Italians migrated to England 1260 Italian bankers discovered new ways to lend money without it being a sin - invited by kings Rich banking families arrived from Florence, Genoa, Lucca, and Venice The impact of the bankers on England Italian bankers replaced Jewish money lenders - led to Jewish expulsion Lent money to English Kings in exchange for privileged rights to trade wool and other goods 1283- Loans helped Edward I to fund armies and castles to conquer Wales Helped develop language and systems of banking (eg. Words 'credit' and 'debit', as well as currency symbols eg. £) Experiences for Italians living in England Settled in London - very successful 1456 - fled London after Italian merchant attacked – unusual event Attacks on non-Jewish migrants by ordinary people were rare, but did happen. 150 foreigners were murdered during the Peasants Revolt in 1381 having been told to say, 'bread and cheese'. More common were complaints about privileges given to migrants. In response, Henry VI introduced the Aliens Subsidy, a tax on all migrants, in 1440. 	 Why the Flemish migrated to Wars and rebellions in the L Countries England accessible - short significancy England a stable country win wages. Kings could make more more export taxes on cloth rather so invited Flemish weavers 1330s) The impact of the Flemish Growth of towns where wea up cloth manufacturing - crigobs as well as kick-starting manufacturing industry in E (eg. 1363 - development of town of Manchester) Flemish brick-makers influe building styles in South East Dutch brewers brought new beer First printers, clock-makers Experiences for the Flemish Given help by kings - allowe own guilds Often under threat - Edward reminded mayors that no had come to Flemish cloth work Weavers resented by Englis 1436-7 all recent migrants f Low Countries ordered to le England unless they bought licence and swore oath of a 	every were high received to tree search to set up defined as was the earth was to kers shi guilds - from eave t a special every search as special ever	and the year 1500, around one in a one hundred people in England born elsewhere – surprisingly number ch - came from Gascony (ruled by sh kings until 1453) andic boys often bought or apped as servants ortunities to work as servants, arers and merchants led to arrival ench, Scottish, Irish, Portuguese Spanish – Letters of Denization gave ents the same rights and actions as English (but expensive, afore unavailable to most eat migrants harshly eg. Henry III weak and failed to protect Jews in long king could protect migrants from the 1330s Edward III exted Flemish weavers from ek

7 History	Early Modern Mig	Early Modern Migration CYCI	
Section E – Protestant Refugees	Section F – Economic Migrants (Palatines)	Section G – Economic Migrants (Jewish)	Section H – Wider World
 Why did they come? The Huguenots were French Protestants They were persecuted by Catholics in France – St Bartholomew's Day Massacre in 1572 Protestantism made illegal in France in 1685 England Protestant and welcoming. Charles II offered denizen status in 1681 What impact did they have? Crucial role in Britain's transformation into an industrial nation Hard-working and skilled craftsmen and developed silk industry and several others including paper making and furniture. Settled in Spitalfields in London – street names and buildings remain (eg, Fournier Street named after a successful Huguenot) What experiences did they have? Many flourished and over time integrated into English society - Settled permanently, anglicised names and intermarried Some prejudice and hostility – riot in late c17th – Londoners felt their jobs were being taken 	 Why did they come? Warfare, religious persecution and bad harvest in Germany in 1709 The Palatines were Protestant - England was a Protestant country Most of the Palatines wanted to travel from Britain to America – a 'promised land' What impact did they have? Limited – some skilled workers, most peasant farmers – reliant on collections and relief funds Not in England long enough to have any impact What experiences did they have? Camped on Hampstead Heath near London Initial sympathetic reception from English, Soon seen a vagrants and a drain on resources - attacked by mobs 3,000 failed in attempt to get to, and settle in America. Disastrous deportation to Catholic Ireland for 5,000 – given poor quality land and faced hostility from Catholic majority Many gave up and returned to Germany in 1709 	Jewish migrants Why did they come? Persecution and hostility in Europe, including Spain Invited back by Oliver Cromwell who was religiously tolerant and believed that Jews would help the economy What impact did they have? Opened banks, Set up as traders and financiers Prospered in trading ports of Liverpool and Hull Poorer Jews were traveling pedlars selling second hand clothes and other goods from carts Opened synagogues and set up communities especially in London What experiences did they have? Wealthier Jews integrated, albeit by losing some of their Jewish identities They were restricted from serving in the army, attending university or becoming lawyers	Indian Migrants Why did they come? Lascars took employment on trading ships – often unable to find return transport to India Ayahs (female nannies and servants) – served the families of East India Company employees when they returned on ships to England Some Ayahs stayed as servants once in England; others were abandoned at English ports What impact did they have? Benefitted the wealthy as cheap servants What experiences did they have? Often accepted by white English servants -Some well-treated and free to leave Servants sometimes considered as property African Migrants Why did they come? From 1650s, forcible removal from Africa then West Indies No choice – brought to England as servants having been enslaved in West Indies What impact did they have? Benefitted the wealthy as cheap servants Presence led to the beginnings of racism in England What experiences did they have? Some Africans were given freedom and some inherited wealth or property Most were considered as property and some were sold, and sometimes sent back into slavery in the West Indies

1. Peak discharge – is the discharge in a period of time

3. **Rising limb** – is the increase in river discharge

2. Lag time – is the delay between peak rainfall and peak discharge.

4. **Falling limb** – is the decrease in river discharge to normal level.

Middle Course of a river - Formation of Meanders and Ox-bow Lakes

Box

1

2

3

Water Cycle key terms

Here the gradient gets gentler, so the water has less energy and moves

more slowly	. The river will begin to e	rode laterally ma	aking the river wide.	
	Step 1	Step 2		
	Erosion of outer bank forms river cliff. Deposition inner bank forms slip off slope.		Further hydraulic action and abrasion of outer banks, neck gets smaller.	
	Step 3	Step 4		
1	Erosion breaks through neck, so river takes the fastest route, redirecting flow		Evaporation and deposition cuts off main channel leaving an oxbow lake.	

Geography

Week	Key Knowle	edge to learn		
6	Coasts - Waves	 Destructive High waves, short wavelengths, storms Exposed areas / destroys beaches / winter 		
	Speed of the wind, how long the wind has being blowing for, the fetch (the distance the wind has being blowing for).			
	Constructive	Weak swash / strong backwash (taking material back)		
	Low waves, long wavelengths, far storms	rrealternaeth, etterig zaethaeth (talaing material zaeth)		
	Bays / build up beaches / mainly summer			
	Strong swash (material brought up the beach) / weak backwash			
7	Coasts - Physical Processes	Mass Movement		
	Weathering Processes	Sliding: material on mass moves downslope		
	Chemical: chemical reaction with rocks	Slumping: material moves in a straight path		
	• Mechanical: freeze-thaw (FTW) ? water gets into cracks ? drop in temp. ?	Rock fall: rocks fall off cliff face due to FTW. Erosion		
	freeze 🛚 expand 🗈 rock cracks			
	Transportation:	Hydraulic Action: sheer force of the water		
	Solution: particles dissolved are carried in water	Attrition: rocks collide with rocks / sea bed The Formation of a Spit The Formation of a		
	Suspension: particles carried within the water	Abrasion: rocks rub against sea bed Abrasion: rocks rub against sea bed		
	Saltation: particles hop along sea floor	Solution: rocks dissolve in water		
	Traction: large boulders roll along sea floor	SHT SHT		
8	Coasts - Longshore Drift	Formation of a Spit		
	Movement of Sediment Along a Coastline	Sand or shingle ridge formed by long-shore drift		
	 Prevailing wind (direction where the wind is blowing from the most often) causes waves to arrive at the coast at an angle 	Longshore drift transports sand along the coast (material is carried up the beach in the swash at an angle due to the prevailing wind and back in the		
	Beach material moves up in the swash at an angle	backwash at a right angle		
	 Gravity causes the waves and sediment to return to the beach at 90° in the 	3. There is a change in the shape of the coastline		
	backwash	4. Long shore drift continues to occur and material builds up with a spit		
	This repeats in a zig zag motion along the beach	growing out to sea		
	 A natural feature such as a headland or a man-made groyne can stop the material moving and cause it to build up 	The spit is exposed to a change in wave direction causing a curved / hooked end		
		 A saltmarsh and or mudflats form behind the spit due to the low energy depositional environment 		

10	Geography Physical Landscapes in the U	K - Coasts	CYCLE 2	Year 10			
Week	Key Knowledge to learn						
9	Coasts - Erosion Features Deposition Features	Wave-cut Platform Formation					
	Headlands and Bays	1.Features of concordar	nt and discordant coastlines	3			
	1.Features of a discordant coastline.	_	the base of the cliff and ero	, -			
	2.Layers of hard and soft rock at right angles to the coast	,	ga notch to form between the	e low and high tide level			
	3.Erosion (Hydraulic Action) erodes the softer less resistant material more quickly	3.The notch becomes bit4.The cliff becomes weat	gger overtime ker at the top due to freeze-tl	haw weathering			
	4.The erosion causes a bay to form overtime		ercut and collapses with ma	ss movement (land slide or			
	5.At either side of the bay the hard rock layers stick out into the sea and	rock fall)					
	become subject to erosion	6.The cliff face is steepe used to be)	ened and a wave cut platforn	n is created (where the cliff			
	6.The headlands will be eroded overtime	7.The process repeats o	vertime				
	7.The process repeats Coasts - Hard Engineering	7. The process repeats o	vertime				
10	All found at Hornsea:						
	• Sea Walls Concrete wall adjacent to the cliffs 2 made of concrete and sense of security, last for many years, strong, (-) £5,000 a metre, ugly to	•	e of wall absorbs wave energ	gy / top deflects energy , (+)			
	• Groynes: Wood structures at 90° to the coastline, trap sediment 2 bea each, (-) restrict sediment supply down the coast and can increase eros		ve energy, (+)windbreaks, stc	ops long-shore drift, £5,000			
	• Gabions: Rocks in steel cages built as wall 🛭 absorb wave energy, (+) £1	10 a metre, last 20 to 25 y	vears, (-) dangerous when dar	maged ? hurt sea birds feet			
	• Rock Armor: Large boulders in a row 2 absorbs wave energy (+) £1,00 rocks imported and inflates the costs.	0 a metre, quick and eas	y to complete, (-) makes ac	cess to the beach difficult,			
11	Coasts - Soft Engineering						
	Found at Hornsea:	aarbad					
	Beach nourishment: Adding sand to the beach → more wave energy ab			a a ta d			
	(+) wider beach means more room for users protects coastal properties Provided the second of t			eated			
		s erosion protection from the cliffs $ ightarrow$ more energy absorbed					
	(+) protects a large area of land						
	• (-) bulldozers restrict access to the beach, £200,000 a year						
	Found at Bridlington:						
	 Sand Dune Regeneration: Marram grass can stabilize sand dunes which 						
	• (+) sand dunes protect land, small planting projects use volunteer labo	ur (-) has to be checked us	sing twice a year, sand dunes	s change naturally			

11	English		A Christmas Carol	Year 10					
BOX A: Plot			Characters and key quotations		BOX E: Context				
Stave 1 Scrooge is at work. Despite the Christmas Eve cold, he refuses to spend money on coals for the fire. Scrooge turns down his nephew, Fred's, invitation to his Christmas party and he also rejects the request of two men who want money for charity. Scrooge is visited by the ghost of his dead partner, Jacob Marley, who tells Scrooge that, due to his greedy life, he has to wander the Earth wearing chains. He warns Scrooge and tells him that three spirits will visit him. Scrooge falls asleep.		Ebenezer Scrooge: A selfish business man ("Humbug") who transforms into a charitable philanthropist. - "he was a tight-fisted hand at the grindstone,a squeezing, wrenching, grasping, scraping, clutching, covetous old sinner! Hard and sharp as flint, from which no steel had ever struck out generous fire; secret, and self-contained, solitary as an oyster." - "The cold within him froze his old features and didn't thaw it one degree at Christmas." - "It's not my business." - "Best and happiest of all. The Time before him was his own to make amends." Jacob Marley: Scrooge's dead partner who returns as a ghost to warn Scrooge to change his ways. - of cash-boxes, keys, padlocks, ledgers, deeds, and heavy purses wrought in steel." - "Mankind was my business; charity, mercy, forbearancewere, all, my business."		aping, clutching, covetous old e; secret, and self-contained, and nas."	1) 1824 – Dickens' father is sent to jail for debt and Dickens has to give up his education until his father inherits some money and he goes to a private school. 2) Dickens was put to work in a warehouse. He had experience of poverty.				
Stave 2 He wakes and the Ghost of Christ a journey. Invisible to those he was childhood school days and his	vatches, Scrooge revisits s apprenticeship with a		Fred: Scrooge's nephew whose party invitation he declines. - "He had so heated himself with rapid walking in the fog and frost that he was all in handsome; his eyes sparkled, and his breath smoked again."	a glow; his face was ruddy and	3) Later he worked as a clerk and then became a writer of fiction and journalism, reporting on court cases and working for radical newspapers on his				
jolly merchant named Fezziwig, a Belle. All of these past events sho wasn't always the unfriendly mise Scrooge sheds tears	ows how Scrooge er that he has become.		Ghost of Christmas Past: A strange combination of young and old, wearing white robes - "It was a strange figure-like a child: yet not so like a child as like an old man" - "What was light one instant, at another was dark, so the figure itself fluctuated in its	disillusionment with politics and the class system.					
Stave 3 The Ghost of Christmas Present s Christmas as it will happen that ye the Cratchit family eat a tiny mea	shows Scrooge year. Scrooge watches al in their little home.	вох с	Ghost of Christmas Present: A portly, jovial gentleman surrounded by a warm glow. He shows Scrooge how things real are. - "Its dark brown curls were long and free; free as its genial face, its sparkling eye, its cheery voice, its unconstrained demeanour and its joyful air." - "I see a vacant seatif these shadows remain unaltered by the Future, the child will die."		4) 1832 – The Great Reform Bill gave many middle class property owners the right to vote for the first time. Large sections of the middle classes, the working classes and women still didn't have the right to vote.				
He sees Bob Cratchit's crippled so kindness and humility warm Scroothat if nothing changes, he will discrooge his nephew's Christmas papirit to stay until the very end. To day, the ghost shows Scrooge two	oge's heart. He is told ie. The spectre shows party. Scrooge asks the Towards the end of the o starved children,		Ghost of Christmas Yet to Come: A robed and hooded spirit who confronts Scrooge with frightening and shows Scrooge his future and what will become of him if he does not ch "a solemn Phantom draped and hooded, coming like a mist along the ground, toward "Scrooge feared the silent shape so much that his legs trembled." "The Phantom slowly, gravely, silently approached."	ange his ways.	5) 1834 – Poor Law Amendment Act, which meant that the rich no longer ha to pay taxes in order to help the poor. Workhouses were created which poor				
Ignorance and Want. He vanishes dark, hooded figure coming.	s as Scrooge notices a		Belle: A woman who scrooge was engaged to who left him due to his greed. - "Another idol has displaced me"		people would have to live and work in.				
man's death, the Ghost of Christr shows Scrooge that nobody mour	host of Christmas Yet to Come		sequence of scenes linked to an unnamed th, the Ghost of Christmas Yet to Come poge that nobody mourns his death and the		ost of Christmas Yet to Come of henevolence; and called out in a comfortable, oily, rich, fat, joyial voice."			6) 1842 Report on Child Labour The report's findings shocked society and led to safety legislation in mines and factories.	
only emotion felt is one of happir Scrooge, is keen to learn the lesso death of Tiny Tim, he is desperate	on. After seeing the e to change his fate	۵	Mrs Cratchit: Bob's wife who is critical of Scrooge and how poorly he pays her husband"I'd give him a piece of my mind to feast upon, and I hope he'd have a good appetite for it."	,	7) September 1843 – Dickens visits a				
and promises to change his ways. He suddenly finds himself safely tucked in his bed.		BOXD	Bob Cratchit: Scrooge's clerk who doesn't have much money. He loves his family and is sho upright.	"Ragged School." A School for poor children offering free education.					
Stave 5 Scrooge rushes out onto the streenewfound Christmas spirit. He sel	ends a turkey to the		 "the Founder of the Feast" "in came little Bob, the fatherand his threadbare clothe darned up and brushed 	8) December 1843 Dickens writes A Christmas Carol focusing on how many of society's ills can be blamed on greed					
by, he continues to celebrate Chr heart. He treats Tiny Tim as if he gives gifts for the poor and is kind	s to Fred's party. As the years go brate Christmas with all his n as if he were his own child,		Tiny Tim: Bob's ill son whose story plays a part in inspiring Scrooge's transformation. - "Alas for Tiny Tim, he bore a little crutch." - "God bless us every one!" - "As good as gold."		for money and status.				

Malthusian Ideology: Dickens critiques Malthusian ideas through characters like Scrooge, who initially believes that helping the poor is unnecessary and that population control would solve economic problems.

Parsimony: Scrooge embodies parsimony in his refusal to spend money, even for basic comforts, and his miserly attitude toward others.

Avarice: Scrooge's avarice is a central aspect of his character, driving his isolation and moral downfall until his eventual transformation.

Philanthropy: Scrooge's eventual change leads him toward philanthropy as he becomes generous with his wealth, helping those in need, including the Cratchit family.

Misanthropy: Scrooge initially represents misanthropy, with his cynical and cold-hearted attitude towards people, particularly the poor and less fortunate.

Benevolence: Characters like Fred, Scrooge's nephew, and Fezziwig show benevolence, which contrasts sharply with Scrooge's miserly nature at the start of the novella.

Malevolence: Although Scrooge isn't actively malevolent, his indifference to the suffering of others can be seen as morally harmful, especially in his treatment of Bob Cratchit and the poor.

Plight of the Poor: Dickens highlights the plight of the poor through characters like the Cratchit family and the symbolism of "Ignorance" and "Want" (the children seen in the Ghost of Christmas Present's vision), critiquing Victorian society's neglect of the impoverished.

Capitalism: The novella critiques unchecked capitalism, as represented by Scrooge's obsessive pursuit of profit at the expense of compassion and human connection. Dickens advocates for moral responsibility and social welfare alongside economic success.

Box G: Character Vocabulary

Ebenezer Scrooge

Parsimony: Scrooge is notorious for his extreme frugality, refusing to spend money even for basic necessities.

Avarice: His greed for wealth is relentless, driving him to neglect personal relationships and human compassion.

Enlightened: By the end of the novella, Scrooge becomes enlightened, realizing the importance of generosity and human connection.

Bob Cratchit

Submissive: Despite Scrooge's harsh treatment, Cratchit remains humble and obedient in his role as a clerk. Benevolent: Bob consistently displays kindness and warmth, particularly in his role as a father and husband.

Resilient: He endures hardship with grace, maintaining hope and love for his family even in the face of poverty.

Tiny Tim

Innocent: Tim is characterized by his pure-heartedness and lack of bitterness despite his illness and suffering.

Fragile: His physical frailty is central to his character, symbolizing the vulnerability of the poor.

Inspiring: Tim's optimistic outlook and faith, especially his famous line, "God bless us, every one!" inspire those around him, even

Scrooge.

Fred (Scrooge's Nephew)

Optimistic: Fred maintains a positive outlook on life and Christmas, even when faced with Scrooge's negativity.

Affectionate: He shows genuine care for his uncle, persistently inviting him to Christmas dinner despite repeated rejections.

Gregarious: Fred is sociable and joyous, embracing the spirit of community and celebration during the Christmas season.

The Ghost of Christmas Past

Nostalgic: This spirit evokes feelings of reflection and longing for Scrooge's lost youth and better days.

Ethereal: The Ghost's supernatural, dreamlike presence embodies a connection between time and memory.

Illuminating: By showing Scrooge his past, the spirit illuminates key moments that shaped his current character.

The Ghost of Christmas Present

Magnanimous: The Ghost embodies generosity, displaying the abundance and joy of Christmas festivities.

Candid: The Ghost is straightforward in revealing the harsh realities of poverty and how it affects those like the Cratchit family.

The Ghost of Christmas Yet to Come (Future)

Ominous: The silent, foreboding presence of this spirit strikes fear in Scrooge, representing death and future consequences.

Unyielding: The Ghost offers no words or comfort, showing Scrooge the stark reality of what awaits if he continues his current

path.

Jacob Marley

Tormented: Marley is condemned to eternal suffering for his greed and warns Scrooge of the same fate.

Penitent: Despite his own damnation, Marley is repentant and seeks to save Scrooge from a similar destiny.

Fezziwig

Jovial: He brings joy and lightness to the atmosphere, treating others with warmth and good cheer.

Altruistic: Fezziwig uses his wealth to create happiness for others, contrasting sharply with Scrooge's greed.

Belle (Scrooge's former fiancée)

Affectionate: Belle was once deeply in love with Scrooge before his obsession with wealth drove them apart...

Disillusioned: Over time, she becomes disillusioned with the man Scrooge has become, as he prioritizes money over love.

BOX H: Essay Vocabulary

Criticise: To evaluate something in a detailed and analytical way, pointing out its strengths and weaknesses. In essay writing, it means discussing the flaws, limitations, or areas for improvement in a text or argument.

Expose: To reveal or uncover something that was hidden or not immediately obvious, often pointing out issues, contradictions, or deeper truths within a text or argument.

Furthermore: Used to introduce an additional point or argument that supports or builds upon the previous one. It signals that more evidence or reasoning is being added to strengthen the case.

Highlights: To draw attention to or emphasize a particular point, idea, or detail. In essay writing, it shows what the writer believes is important or noteworthy in the analysis.

Implies: Suggests or indicates something without directly stating it. In an essay, this term is used when discussing how a text or argument hints at deeper meanings or ideas.

Significantly: Used to indicate that something is important or has a major impact. In essays, this word helps emphasize the weight or importance of a particular point, theme, or finding.

	13	RE	Christian Pra	ctic	te	CYCLE 2	Year 10
1 - Worship	 Informal worship: worsh workplace. The bible is at the heart Private worship: an indicothers (Jesus taught the just to look devout.) Charismatic worship in God moves them to do Some prefer liturgical worship in Christian. community suchanging nature of God Others prefer informal of themselves, rather than understanding of God; in 	of ALL forms of Christ vidual or family worsh at private worship is the volves singing and peops of (typical in some Evaporship as it is a familia aying the same thing a part it is the same in all or private worship as it is also easier to join it	pping at home or in a private place away from e most important as we should never worship ple speaking from the heart when the spirit of angelical churches). Ar ritual that makes them feel like part of a bigger the same time and reminds them of the never	4 Sacrament- Eucharist	The Last Supper was the final remember him. At the last supper Jesus blessed. It helps Christians remember a broken and his blood spilled to Scripture says: "Take, eat, this me." (Bible) Some churches eg Catholic use. Others eg Methodists use non don't want to encourage peop. Catholics believe in transubst when they are blessed by the performance.	and reflect on Jesus's sacrifice for the o save them from death and the consests is my body. Take, drink, this is my blue se wine at the Eucharist as Jesus used alcoholic juice as they believe alcohole to use it. I antiation – the bread and wine really be priest.	em on the cross – his body was equences of sin. ood. Do this in remembrance of the tast Supper. ool can cause problems and they become Christ's body and blood
2 – Prayer	they should want. Jesus Set prayers: prayers with Prayer). Informal prayer: prayers Arrow prayers: very quichim live". Jesus taught Christians: door." Some prefer set prayers want them to, and they the believer. Others prefer informal probetter and allow believed understanding of Him ar	taught his disciples the fixed words that never made up by the person k prayers sent up quick should pray in private as they are sure they arrust them to have a grayers that they make ars to have direct communications.	d is "our Father" and what he is like, and what his prayer in the Bible so it is his exact words. For change (eg the Lord's Prayer and the Jesus on praying. It will be a moment eg "Help me God" or "Let "When you pray, go into your room and close the are praying in the way the Bible and the Church eater understanding of God than the individual up themselves because they may fit the situation munication with God, which gives them their own mpressions others may give them.	5 - Pilgrimage	new spiritual insights Christians believe the Virgin Mand that she said that should be Other pilgrimage sites are dedibased on Christian values eg le Iona is a Scottish Island which first and most important mona Pilgrimage can also be about volesus the man. Christians call this place the Hesione say it is important becaus understanding God. Others say it is not commande reading about holy people and	pilgrims have visited since the 7th Ce	te in the village of Lourdes in 1844 ay ome time living in a community ntury. It was the home of one of the Jesus so that they can get closer to nlehem and Jerusalem behind and focus fully on ould achieve the same insights by urney to charity instead o go to Church and pray
3 Sacrament- Baptism	with God and to underst Jesus was baptised by At the moment of his Bavoice of God the Father In the bible, Jesus taughter and spirit." Water is poured over the sins being washed awa Baptism cleanses sin a community. White clothes are often Some believe infant banot being baptised; infadisciple of Jesus; the Bi Others say Jesus clearly case they die and need	and God through direct John the Baptist in the aptism all three parts of and the Holy Spirit de the "None can enter the see head, or the person y. In worn to symbolise purptism is not necessary and baptism is pointles to enly mentions add y taught that all must to enter heaven very y mark the birth of a barts John I was to a second to the second to the second the second to the second the seco	River Jordan. Of the trinity were present. Jesus the Son, the escending as a dove. Eximply Kingdom of God unless they are born again of its fully immersed in water, to symbolise their eliever into the Christian Church family and urity. If as a just God would not send a baby to hell for seas the child is too young to commit to being a alts being baptised. The beby and welcome them into the Christian church	6 - Celebration	Christmas is a time to remem Christmas can include the fol carols; charity donations; spe around Christmas Day The season before Christmas Easter remembers' Jesus suff Easter recalls the act of recor enabled to happen The 40 days before Eater are k through fast and prayer. Easter week starts with Palm Maundy Thursday celebrates Good Friday is the day the Jes Easter Sunday celebrates the Easter: Easter vigil, going to cl Jesus's death and resurrectio Many see Easter as more sign	ber and give to those who like Jesus wellowing: midnight Mass; nativity plays; ending time with friends and family; voor is ADVENT. This is a time of preparative fering and death then celebrates his renciliation between God and humanity to known as the season of LENT. During the Last Supper true crucifixion is remembered Resurrection hurch, decorating eggs, lighting the Particular individuals.	vere born and grew up in poverty. Christmas cards and presents; lunteering with the homeless on or on for Christmas esurrection that Jesus' death represented and this time Christians prepare into Jerusalem eschal candle; reflecting on esus' resurrection that showed he

	14	4	RE	Chris	tian F	Pra	ctice	CYCLE 2	Year 10
7 – The role of the Church in the local community	•	Street pas abuse late Scripture: neighbour and Goats In the Para Some say is more im others fee	g donated food to last the tors help those who are at night in city centres. Both show Christians power and help the needy as and the Good Samarita able of the Sheep and Good Good Samarita able of the Sheep and Good Samarita doing your Christian dute portant than showing fall worship and prayer are	vulnerable to crime and alcohol erforming the duty to " <u>Love they</u> taught in the <u>Parables of the Sheep</u> in	10 – The Worldwide Church Responding to persecution	•	Jesus taught that we should love our rewards in heaven St Peter wrote to Christians who wer purification to make them more fit for should trust God to help them in the Christians will attempt to fight perse openly CASE STUDY: Open Doors is an orga providing lawyers to help Christians Christianity is not the main religion, at Christians face of persecution so the They work and pray for peace, justice	re persecuted that they should see or eternal life with God; they were ir time of need. Ecution and help those who are provinisation that helps persecuted C who are taken to court for blasph and by raising awareness in Chrisey can pray for them or donate mee and an end to persecution world	re persecution as a form of sharing in Jesus' sufferings and reventing from worshipping thristians worldwide today by temy in countries where stian countries of the risks other oney dwide
8 – A growing Church	•	achieve a p "Evangelis converting CASE STUI example or Scripture: teaching th Missionary developing Jesus. Serv support Ch overseas a hear it.	purpose by God, eg help m" means spreading the people to Christianity DY: The Church Army's S f mission and evangelism "Go, and make disciplesment to obey all that I have work happens in the Uk g countries, to grow the ching in Mission works in the institutions to go and work and preach to those who	C and overseas, particularly in church and spread the teachings of the UK and West Africa: they in education and medicine in m they have helped, if they wish to	11– Christian responses to poverty		Jesus taught in the Parable of the Shelp those who are in need The Golden Rule "treat others as you situations, since we would want ther Christians respond to poverty by dor Parable of the Sheep and Goats. The Parable of the Sheep and Goats in The Parable says that "But when the then he will sit on the throne of his separate them one from another, as The sheep represent those that have followed teaching. They therefore may respond by give Christian Aid, or helping Christian Aid in May every year	u wish to be treated" suggests we note to do the same to us – including nating to food banks or voluntee is in Matthew 25 a Son of Man comes in his glory, as glory. Before him all the national shepherd separates the sheep followed Christian teaching and wing money to charities that he	ve should help people in difficult g poverty ring to help them because of the and all the holy angels with him, ns will be gathered, and he will from the goats." the goats are those that have not lp the poor worldwide such as
		to spread J to tradition as well as v churches. Vineyard P Jesus' dea	esus' message and wor nal denominations with o wider congregations and Church Planting = open roject ath was an act of recond	ng in the UK; they plant new churches vorship him. Their structure is different th cells which meet in people's homes and celebrations across a number of sening new churches eg the Leeds	Christian Aid Overseas	•	Christian Aid's work overseas: Christian Aid was set up in 1945. It was first set up by British and Irish Emergency aid helps in natural disa well as sending doctors and rescue Short term aid comes next to rebui get children back to school, especia	asters with food and bottled wate workers to disaster zones ld communities, reunite families	
vide Church conciliation	•	extremely those who Christians as Jesus r	difficult, but Jesus taug o curse you, so they mus s believe people should econciled God and hum	be reconciled to each other, just	12 - At home	•	Long term development aid is esse by LICs to HICs, corruption in LICs; and medical workers. Christian Aid campaign so that the through funding welfare benefits an Increasing public awareness eg ge	ntial to deal with the cause of po : it involves setting up schools, o government helps those in need d poverty charities like Oxfam, ar	digging wells and training health I in the UK and worldwide more and letting LICs off debt
9 - The Worldwide Chur Working for reconciliati	•	you" The Bible CASE STU reconciled Two. Toda them in ta	teaches that Jesus' dea IDY: the Community of t d with Germany who bor ay, they work with group alking and listening to ea	th reconciled God and humans. he Cross of Nails in Coventry mbed their cathedral in World War s in conflict worldwide to guide	13 – Christian Aid At h	•	through education programmes in s Fundraising: raising money to help development to reduce poverty for t They knock on doors and hold a fund They encourage Christians to give speakers, ambassador and teacher. They campaign for the use of clean	chools of those in poverty and emerger the future. draising campaign in May every year their time ands act as volunts.	ncy situations plus longer term

BOX 1: Ratios & Hactions				
RATIO				
Ratio	Compares the size of one part to another part.			
Ratio Notation	The ratio of A to B is written as A:B			
Proportion	Proportion compares the size of one part to the size of the whole .			
Part (Share)	A proportion of the original amount.			
Whole	The total amount.			
Unit	A standard amount used to measure something			
Compound Units	A unit made of two other units . e.g. speed is distance per time m/s.			

LIKELIHOOD VOCABULARY				
Impossible	When there is no chance – it will not happen. An outcome with a probability of 0 .			
Unlikely	When it will probably not happen . An outcome with a probability between 0 and 0.5 .			
Even	When there is an equal chance of something happening or not happening. An outcome with a probability of 0.5			
Likely	When it will probably happen . An outcome with a probability between 0.5 and 1 .			
Certain	When it is inevitable – it will definitely happen. An outcome with a probability of 1 .			
Fair	When all outcomes are equally likely .			
Bias	When something is not fair .			

			Біаз	which something is not fair.
	centages and interest		Simple Inte	rest Interest calculated as a percentage of the original amount, so the same amount is added each year.
Multiplier A percentage written as a decimal. You can then use multiplication to find the percentage.		Exponential Growth	When we multiply a number repeatedly by the same number (more than 1), so it increases by the same proportion each time.	
Percentage increase	Adding a percentage to the original	Adding a percentage to the original amount. Subtracting a percentage from the original amount.		An example of exponential growth. Interest paid on the original amount and the accumulated
Percentage decrease	Subtracting a percentage from			interest, so each year a larger amount of interest is paid. R = A x M ⁿ
Percentage Change	The change between the old value and the new value as a	$\frac{Difference}{Original} \times 100$		R is the end value . A is the starting value . M is the multiplier . n is the number of years .
Change	percentage		per annum	per year
Reverse Percentage	Working backwards to find 100 %		Exponential Decay	When we multiply a number repeatedly by the same number (less than 1), so it d ecreases by the same proportion each time.

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DISPLAYING CATEGORICAL DATA					
Frequency	The number of times an event o value occurs				
Frequency table	A table, usually a tally, showing the totals of data.				
Bar chart	A chart where the height of the bars represents the frequency. There are gaps between bars.	MI 122 TO TO THE PART OF THE COMMENT			
Compound / composite bar chart	A bar chart showing data stacked on top of each other.	NOTE OF THE PROPERTY OF THE PR			
Comparativ e / dual bar chart	A bar chart showing data side by side	Rainfall 40 40 30 20 Jan Feb Mar Ary May Mornh Daul Ber Onet			
Pictogram	A chart where each picture represents a set frequency It has a key to tell you what each picture is worth.	Black A A A A A A A A A A A A A A A A A A A			
Pie Chart	A chart where the size of the sector of the circle represents the frequency	France England Wales			

SPREAD OF DATA			
Range		A measure of spread calculated by: the largest value subtract the smallest value	
Interquartile Range		A measure of spread calculated by: the upper quartile subtract the lower quartile	
Outlier		A value that ' lies outside ' most of the other values in a set of data. An outlier is much smaller or much larger than the other values in a set of data.	
COMPARING DATA			
Data better/fa		ompare averages to say who is tter /faster/taller. ompare ranges to say who is more nsistent / less varied.	
TYPES OF DATA			
Qualitative		Data that can only be written in words , not numbers, e.g. eye colour, favourite animal	
Quantitative		Numerical data, e.g. shoe size, height of a	

plant.

AVERAGES					
Average	A number expressing the central or typical value in a set of data				
Mean	Method: add up all the amounts, and then divide the total by the number of amounts				
Mode	The value which occurs the most. Bi-modal is where there are two modes. There sometimes is no mode.				
Modal Class	In grouped data, the class (group) with the highest frequency				
Median	The middle value (half way through the data). Method: put the data in numerical order, and state the middle value.				

DISPLAYING UNGROUPED DISCRETE NUMERICAL DATA				
Stem and leaf diagram	A way of displaying a list of numbers. The stem goes down and the leaves go out to the right. It has a key.	stem leaf 5 6 6 7, 7, 9 7 2, 4, 7, 7, 8 Key 6 7 7 2, 4, 7, 7, 8		
Vertical line graph	Like a bar chart, but the bars have no width, they are just straight lines up the page.	10 8 4 4 2 0 5 6 7 8		