

Year 10 Cycle 2 Curriculum Organiser

Name : _____

Tutor : _____

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All Saints' Academy Home School Agreement - 2024/25

All Saints' Academy recognises that the successful development of its students depends on an effective partnership of the Academy, students and parents/carers.

All three parties share responsibility for the development and achievement of each student. Together we commit ourselves to the following:

	The Academy will:		Parents/Carers will:		Students will:
•	 Provide a learning environment that is 	٠	Make sure their child attends in correct	٠	Be an ambassador for All Saints' Academy.
	stimulating, safe and caring.		uniform, arrives on time and is properly	•	Work hard in class and at home to achieve
Ø.	 Treat everyone with respect. 		equipped.		their full potential.
•	 Ensure that each student has the 	٠	Encourage their child to work hard and	•	Treat others as they would wish to be treated
	opportunities, support and guidance to		support them in their homework.		and live out the Academy values.
	achieve their full potential.	٠	Attend consultation evenings and discussions	•	Attend the Academy in correct uniform, be on
	 Report regularly on each student's progress. 		about their child's progress.		time and properly equipped.
1	 Expect high standards, set clear rules, 	•	Support the Academy's policies and guidelines	٠	Keep the Academy rules, behave responsibly
	promote mutual respect and develop a sense		as published on the Academy website.		and be polite to others in the Academy, and in
	of responsibility.	٠	Allow their child to attend off-site visits during		the wider community.
	 Keep parents informed about Academy 		the day.	٠	Follow the Ready to Learn Policy, completing
	matters, be welcoming to enquiries and	٠	Agree to the sanctions system as set out in the		any sanctions set and striving to achieve
	responsive to concerns.		Academy Ready to Learn Policy.		rewards each week.
	 Set homework in line with the published 	٠	Ensure their child attends every day and that	٠	Understand that any misbehaviour in the
	timetable, and give feedback on tasks		time out of school is not taken or requested,		community whether in uniform or not, will be
	completed.		unless for an urgent reason.		treated as if the incident happened in the
i.	 Record and reward good progress and 	٠	Inform staff, if they have concerns about their		Academy.
	performance.		child's progress, well-being or any other	•	Take part in enrichment activities offered by
	 Offer enrichment activities that will develop 		issues.		the Academy.
	broader skills to prepare for life and the world	٠	Encourage their child to participate in the	٠	Care for the environment in and outside the
	of work.		enrichment opportunities offered by the		Academy.
			Academy.		

Signed by Parent/Carer Signed by Student	'Where every member of our extended family realises their God-given potential, inspired by John 10:10.
Signed by Form Tutor	 'Where every member o

Jesus said 'I have come so you may have life in all its fullness'

Independent homework timetable

Subject	Week 1 day	Week 2 day
English		
Maths		
Biology		
Chemistry		
Physics		
RE		
Option subject 1:		
Option subject 2:		
Option subject 3:		

Why study?

All students study because they value opportunities to learn and improve.

All students understand that in order to make excellent progress towards bright futures, they need to take responsibility for their own success and study at home as well as at the Academy.

We want you to have the very best opportunities available to you when you leave the Academy. Achieving excellent exam results in Year 11 and Year 13 is one way to help you to do that.

To gain excellent exam results in Year 11 and Year 13, you need to work hard in school every single lesson, every day in Year 7, 8, 9, 10 and 11. If you are in the Academy every day for 5 years you will have 4,750 hours of study time.

We want to make it as easy as possible for you to complete your study away from the Academy. Completing one hour of study per evening at home adds up to an extra 950 hours over your five years with us – which is like having an extra year of learning.

When and what should I study?

You should complete your Independent homework timetable on page 3, so that you know when to study.

Year 7, 8 and 9 should be completing one hour of homework each evening.

Year 10 and 11 should be completing two hours of homework each evening.

How should I use my Curriculum Organiser to study?

1. Look, Say, Cover, Write, Check.

Look at the next page for more details on how to do this correctly.

5. Flash Cards.

Cut up one piece of A4 paper in to 8 equal rectangles. Create 8 flashcards. (write a keyword or question on one side and a definition or answer on the other). Ask someone to test you on them.

Tasks you can do to help you learn your subject knowledge

<u>4. Test it.</u>

Ask someone to test you using your quiz questions. You can do this verbally.

2. Explain it.

Read the page. Turn it over and then explain what you have just read to a family member or oven the dog.

3. Quiz it.

Write a quiz on the facts. Create between 7-10 questions on the information you have read. Then on the back write down what the answers would be.

How should I use my Curriculum Organiser to study?

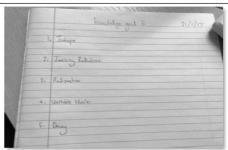
Look, Say, Cover, Write, Check





1) Write the date and the title from the knowledge organiser. Underline them.

Step 2



2) Write out the keywords you have been asked to learn, leaving two lines between each word.

Step 3



3) Cover the definitions apart from the first: read it, cover it, say it in your head, check it until you are confident with it. Repeat this process with the other words and take your time.

Step 4



4) Cover up each definition in turn and write them out from memory. Avoid cheating as you need to know how much you can remember. Don't expect yourself to get it exactly right first time.

Step 5



5) Correct your answers in green pen. Repeat the process.



8			SPAG: Spelling, Punctuation and Grammar	8	
			Punctuation	Grammar rules	Homophones
Sentence	Sentence demarcation:	崩		Sentence	Their- belonging to
				construction:	them.
Symbol	Name		Use		There- a position
Z	Capital letters	ers	To start a sentence.	All sentences need a	or place.
	Full stop		To show a point/ idea is finished.	subject, verb and an object.	contraction for they
	Exclamation mark	n mark	To illustrate heightened emotions, either positive or		are.
<i>ر</i> .	Question mark	lark	To illustrate a question is being asked.	<u>Tense:</u>	Witch- a person with magic powers.
:	Ellipsis		To build tension at the end of sentence or to leave a sentence unfinished for effect.	Present- Is/Am	Which- a question word.
In senten	In sentence punctuation:	ion:		Future- Will Singular and Plural:	Were- past tense of was.
Svmbol	Name	Use			We're- contraction
,	Comma	Follow	Following an adverb or connective which starts a sentence or to	I was We/ they were	for we are.
n n	Speech	To indi	To indicate the start and end of direct speech.	Capital Letter Rules:	Its- belonging to something.
	Brackets	To put	To put additional information into a sentence.	Start to a sentence.	It's- contraction for it is.
,	Apostrophe	1000	To show a contraction (joining of two words) or omission (taking out of a letter).	Proper nouns. Titles of books, films	Toe- a part of the
Ambition	Ambitious punctuation:			etc. Days of the week. Months of the vear.	body. Tow- to pull something along.
Symbol	Name 1	Use		Religious deities.	0
	Colon	To show th	To show the start of a list or to show important information.	I/ I'm/ I'd/ I've. Historical	Hole- a hollow place in a solid
	Semi T	To separate long it linked by meaning.	To separate long items in a list or to join to simple sentences that are linked by meaning.	periods/events.	body. Whole- all of
	\$	8			something.

English KS4 Curriculum 2024-2025

	Year 10			Year 11		
	Knowledge and skills	Cross Curricular	Enrichment	Knowledge and skills	Cross Curricular	Enrichment
Oyde 1	Literature Paper 1-Macbeth Read and explore key characters and themes. Language Paper 2-Transactional Writing GAPS and key features of different written genres. SPAG skills. Assessments: Mid- Cycle: Macbeth- Theme of Ambition End: Transactional Writing- article and letter Careers- Stage manager/Director/ Actor/Speech writer/Journalist/ Marketing.	RE: Great Chain of Being and Christian beliefs. History: essay writing skills	RSC live showings	Literature Paper 2 Play: An Inspector Calls or Blood Brothers Read and explore key characters and themes. Unseen poetry Analysis skills Assessments: Mid-Cycle: AIC- Theme of Responsibility Blood Brothers- Theme of secrets and lies End: Mock Exams Careers- Self-employed person/ Councillor/ shop worker.	Geo and Business: Economic world- links to economic ideas presented in the texts. History: similar time period	Theatre trip
Oyde 2	Language Paper 1- Creative Writing SPAG skills, story styles and forms. Literature Paper 1-Poetry Anthology Read and explore key themes and contextual information. Assessments: Mid-Cycle: Creative Writing End: Theme of Nature Careers- Author/ Poet/English teacher/ Editor/ Librarian.	Geography: The Living World and Nature poetry. History- poetry context.	Book club Carnegie shadowing Creative Writing competitions	Revision and Consolidation All sections of Literature and Language revisited and revised as appropriate for specific classes.		Book club Carnegie shadowing
S 3	Literature Paper 2-A Christmas Carol Read and explore key characters and themes. Understanding of historical context. Language Papers 1 and 2- Reading skills Retrieval, analysis, evaluation, synthesis, and comparison. Assessments: Mid-Cycle: Theme of Redemption End: Paper 2 Language reading section Careers- Historian/ Charity worker.	Extended writing skills: History MFL		Revision/ Exams All sections of Literature and Language revisited and revised as appropriate for specific classes.		

Year 10	Year 10 –Cycle 2- English Literature – Poetry Anthology	logy
20 00 00 00 00 00 00 00 00 00 00 00 00 0	Poem Overview and Context	50 OF 1-15 0000 PCD COCC DODS
London - William Blake (1794)	As Imperceptibly as Grief-Emily Dickinson	Death of a Naturalist - Seamus Heaney (1966)
details the pain and suffering he observes in every	(1865) Explores the feeling of "grief" and compares it to	Depicts a loss of inflocence as the speaker changes from being excited about nature to the
quarter.	the passing away of the summer.	feeling threatened and frightened by the end.
Context:	Context:	Context:
Comment on the effects of the Industrial Bevolution on the people who lived in the	Suffered from depression for most of her	His brother died young which affected his view of the world.
city	I ived as a recluse and rarely left home	Lived on a farm in Ireland and brought up
 It criticises the people in power (like the 		in a rural setting.
church that sent the orphans up chimneys) for not doing more to help.		
The Prelude - William Wordsworth (1805)	A Wife in London - Thomas Hardy (1899)	Valentine - Carol-Ann Duffy (1993)
The speaker recounts an illicit night out with his	Describes a wife receiving news of her husband	Challenges the stereotypical view of love when
friends- it captures the freedom and possibility he	who has died in fighting in the Boer War.	the speaker presents their lover metaphorically
reit as a child.	Context:	as an onion.
Lived with his Grandharante in the Lake	- Dascu III III dustrial Corrons	Eiret open I GBT poet who was
District.	to inform of death	discriminated as a result.
 Spent his whole life writing this epic poem. 		 First female poet Laureate.
She Walks in Beauty - Lord Byron (1814)	The Soldier - Rupert Brooke (1914)	Living Space - Imtiaz Dharker (1997)
The speaker describes the beauty of a woman	A sonnet which glorifies England during the First	Describes the slums of Mumbai. Despite the
whose physical beauty is matched by the	World War and represents the patriotic ideals	dangerous living conditions there is a sense of
description of her inner beauty or 'goodness'. Context:	that characterized pre-war England. Context:	hope and a loyalty to faith.
The woman is his cousin's wife who he met	Brooke was an officer who never actually	Has real experience of the slums with
at a funeral.	fought in the war.	family living there.
Renowned for being a lady's man- he didn't	He died of blood poisoning on the way to	Considered herself to be a Scottish
normally focus on personality.	me bame.	Musim.

About the insignificance of human beings to the passage of time. The once great and arrogant king's works have crumbled and disappeared, his civilisation is gone. Context: Based on Rameses II- one of Egypt's most infamous rulers. Shelley was critical of organised power.	A vivid depiction of the horrors of war and in particular a gas attack. Context: A solider who saw what was really happening in the trenches. Write this as part of his treatment for PTSD to help him deal with what he had seen.	Cosy Apologia - Kita Dove (1999) Depicts a contented relationship against a backdrop of a hurricane. Context: • Written on the day of Hurricane Floyd. • husband.
To Autumn - John Keats (1819) An ode written in praise of Autumn. He believes it to be superior to all other seasons. Context: • Lived in the city (London) but appreciated nature. • Dying from TB- a disease that had already killed his brother.	Afternoons - Philip Larkin (1959) An observation of young mothers taking their children to a playground. What seems like an everyday occurrence highlights the passing of time. Context: An observational poet who wrote about what he saw. Written to make people question the prospects for young mothers.	Mametz Wood - Owen Sheers (2005) Describes how farmers ploughing today regularly find the remains of those gunned-down soldiers who died during the battle of the Somme. Context: Written after a visit to the battlefields. During this battle over 4000 of the 38th Welsh division were killed.
Sonnet 43 - Elizabeth Barrett-Browning (1850) Expresses the poet's intense love for her husband- to-be. So intense is her love for him, she says, that it rises to the spiritual level. Context: Saw Robert as her saviour as he took her away from an abusive homelife. Suffered medically throughout her life.	Hawk Roosting - Ted Hughes (1960) A dramatic monologue detailing the arrogance of the hawk who presents himself as superior, fearless and almost God-like. Context: • Was in the RAF and understood the importance of leadership. • Thought the hawk is a metaphor for a world dictator.	The Manhunt - Simon Armitage (2007) Explores the impact of the experience of war on a soldier, and in turn his relationship with his wife, and his ability to connect with others. Context: Based on the psychological effects of the Bosnian War on returning soldiers. Eddie and Laura Beddoes are the focus of the poem.

Subject Terminology	ney euotations	Key Words
	"every black'ning church appals;" London	Telegram - A document
Metaphor - Comparing one thing to another by saying it is it. Eg: 'Frozen	"It was a time of rapture." The Prelude	used in the war to inform
	"She walks in beauty, like the night." She	people at home of the
at might cause upset	Walks in Beauty	deaths of soldiers.
	"king of kings" Ozymandias	Rudder - The item used for
r language for effect.	"thou hast thy music too-" To Autumn	steering a ship.
	"I love thee to the depth and breath and	Manacles - Restraints used
sing similar vowel sounds but not	height." Sonnet 43	around wrists or ankles.
	"Summer lapsed away." Imperceptibly	Slum - An overcrowded and
ed near	"He- has fallen- in the far South Land" AWIL	unsafe area inhabited by
	"that is forever England." The Soldier	very poor people.
I words, phrases or clauses for effect. Eg:	"Gas! Guick boys!" Dulce.	Imperceptibly - Without
	"Summer is fading." Afternoons	notice.
Sibilance - Consecutive words beginning with the same s, c or z sound.	"I am going to keep things like this." Hawk	Flax- dam - A collection of
	"Great slime kings" Death of a Naturalist	rotting flax plants.
	"I give you an onion." Valentine	Gleaner - A person whose
	"There are just not enough straight lines." LS	job it is to pick up grain after
written in iambic pentameter.	"I fill this stolen time with you." Cosy Apologia	fields have been harvested.
Rhyming Couplets - Two lines next to each other which end with the	"in boots that outlasted them." Mametz	Melancholy - A feeling of
	"a sweating unexploded mine." Manhunt	sadness.
lambic Pentameter - A line of verse containing 5 feet each containing an		11111
unstressed then stressed syllable	Assessments:	Themes
lambic Tetrameter - A line of verse containing 4 feet each containing an		
unstressed then stressed syllable	Mid-Cycle: Creative Writing	Love
	Write story based on a prompt, from a choice	Conflict
hythm	of 4.	Pain and suffering
Blank Verse - Verse without rhyme which is usually jambic		Place
Volta - The point in a sonnet where the tine changes	End of Cycle: Poetry Anthology	Note:
Enjambment - One line of poetry continuing to the next without	a) How is the theme of nature presented in To	Nature
punctuation	Autumn?	LOSS
Caesura - Punctuation used to create a stop mid-way through a line of	b) Compare how the theme of nature is	Death
poetry.	presented in To Autumn and one other poem	Faith and worship
	from your anthology.	

Year 10 – Cycle 2- Engli	Year 10 – Cycle 2- English Language – Creative Writing	
Story Elements	Top Tips for story writing	Non-Linear Structures
Introduction:	Content:	Flash Back/ Forward - A
Introduce the main characters and describe the setting using	 Limit the number of characters: 3 is 	story set in the present
descriptive vocabulary and techniques.	optimal.	that goes back or forward
Create an atmosphere e.g., funny, scary, exciting to set the tone	 Make your story realistic 	to specific events for
of the piece.	 Set your story over a short time frame, 	effect. Usually this will be
	ideally less than 24 hours.	in a memory or a hope for
Build Up:	- Ensure you have a clear <u>climax</u>	the future.
Develop the plot and build up to the problem. Let the reader get to know the characters. Engage the reader by making them ack	- Focus on the development of your	Circular Structure - A
questions about the story. Give hints about what could/might	protagonist and illustrating their	story that starts and ends
happen later.	- Do not write more than 4 sides for your	in the same place and
	story	time.
This is the most important part of the story It will be where the	 Plan your ending before you start 	
nins is the most important part of the story. It will be writered the problem occurs, and the main character must react to it. The	writing	Dual Narrative - The
problem does not have to be something terrible in fact the more		samo story boing told at
problem does not have to be sometiming termore, in fact the more	Style and Structure:	the same time by more
realistic tile better.	 Use a wide range of vocabulary and 	the same unit by more
Desclition.	punctuation throughout.	than one narrator. This
How is the problem being resolved? How do your characters	 Vary your sentence type for maximum 	enables you to show one event from different
react to their situation?	impact.	points of view.
	 Vary the length of your paragraphs to 	
Ending:	keep the reader interested.	Written Sources - Using
Show what is different at the end of the story compared with the	 Include a little, but not too much 	written sources in your
start. Explain the impact that the climax has had in the world of	dialogue.	story, such as letters,
your story considering:	 Use features for effect, for example 	newspaper articles etc
- What happens as a result of, the problem being sorted	using a range of descriptive features in the introduction and structural ones	will change the time
OUT?	like alliants and about contained in the	Irame of the story without
- How has your protagonist changed?	like ellipsis and short sentences in the	deviated from the plot.
 How do your characters feel now? 	CIIIIId.	0,

All Saints' Academy Mathematics KS4 Curriculum

Foundation Institute a line Revision and preparation Foundation Foundation Foundation Foundation For mocks Revision and preparation for mocks Revision and preparation for mocks Foundation Founda	Cycle	Year 10 Foundation	Year 10 Higher		Year 11
Algebra:		Knowledge & Skills	Knowledge & Skills	Knowl	edge & Skills
Multiplying linear expressions		Algebra:	Algebra:	Foundation	Higher
Multiplying linear expressions Changing the subject Number: Changing the subject Number: Standard Form Firror Intervals Compound Growth and Decay Compound Growth and Decay Compound Growth and Decay Shortest distance from point to a line Shortest distance from point to a line Smyll bisector Smyll bisector berniered Ratios Smyll bisector Smyll bisector Smyll bisector Smyll bisector Smyll bisector Smyll bisector berniered Ratios Smyll bisector Smyll bisector Smyll bisector Smyll bisector Smyll bisector Smyll b		 Laws of Indices 	 Laws of Indices 	 Revision and 	 Circle Theorems
Eactorising Quadratic Expressions		 Multiplying linear expressions 	 Multiplying linear expressions 	preparation	Quadratic
Number: Number: <t< th=""><th></th><th> Factorising Quadratic Expressions </th><th> Factorising Quadratic Expressions </th><th>for mocks</th><th>Inequalities</th></t<>		 Factorising Quadratic Expressions 	 Factorising Quadratic Expressions 	for mocks	Inequalities
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Shortest distance from point to a line line Proportion:	1	 Angle bisector 	 Pythagoras' Theorem and 3D shapes 		
Inne Proportion: Simplifying ratios and sharing ratios Area and Volume Scale Factor Simplifying ratios and sharing ratios Best buys		 Shortest distance from point to a 	 Fractional and negative enlargements 		
Proportion: • Simplifying ratios and sharing ratios • Best buys • Best buys • Best buys • Angle bisector • Shortest distance from point to a line • Shortest distance from point to a line • Sector perimeter • Area of compound shapes • Sector perimeter and area • Area of compound shapes • Surface Area and Volume of Prisms • Pythagoras' Theorem • Algebraic fractions • Pythagoras' Theorem • Algebraic fractions • Pythagoras' Theorem • Constant of monotrionality		line	 Similar Shapes and Triangles 		
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Quantity Surveyor Meterologist Connected Ratios College options Geometry:			 Simplifying ratios and sharing ratios 		
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Quantity SurveyorMeterologistCollege optionsGeometry:Geometry:Revision and preparation• Area of rectilinear shapes, triangles and circles• Spheres, pyramids, cones, frustums and composite solidsRevision and preparation• Sector perimeter and area• Sector perimeter and area• Area of compound shapes• Area of compound shapes• Area of compound shapes• Surface Area and Volume of Prisms• Algebraic fractions• Pythagoras' Theorem• Constant of proportionality			 Connected Ratios 		
Geometry: Geometry: Revision and preparation • Area of compound shapes • Spheres, pyramids, cones, frustums and circles • Sector perimeter and area • Sector perimeter and area • Area of compound shapes • Surface Area and Volume of Prisms • Algebraic fractions • Pythagoras' Theorem • Constant of proportionality	Careers	Quantity Surveyor	Meterologist	College options	University options with
Area of rectilinear shapes, triangles and circles Sector perimeter and area Area of compound shapes Surface Area and Volume of Prisms Pythagoras' Theorem Area of rectilinear shapes composite solids Sector perimeter and area Area of compound shapes Surface Area and Volume of Prisms Algebraic fractions Constant of proportionality		Coomotor	Goomoteur	Dovicion and proparation	Madicinatios for mooke
Area of rectilinear shapes, triangles and circles Sector perimeter and area Area of compound shapes Surface Area and Volume of Prisms Pythagoras' Theorem		decined y.	Geometry.	nevision and preparation	III O III OCKS
Sector perimeter and area Area of compound shapes Surface Area and Volume of Prisms Pythagoras' Theorem		 Area of rectilinear shapes, triangles 	 Spheres, pyramids, cones, frustums and 		
Sector perimeter and area Area of compound shapes Surface Area and Volume of Prisms Pythagoras' Theorem		and circles	composite solids		
Area of compound shapes Surface Area and Volume of Prisms Pythagoras' Theorem	2	 Sector perimeter and area 	 Sector perimeter and area 		
Algebra •	l	 Area of compound shapes 	 Area of compound shapes 		
• •		 Surface Area and Volume of Prisms 	Algebra:		
Constant of proportionality		 Pythagoras' Theorem 	 Algebraic fractions 		
The state of the s			Constant of proportionality		

	Algebra:	Straight line graphs	
		Straight and Strai	
	 nth term of linear sequences 	 Linear and quadratic sequences 	
	 Straight Line graphs 	 Simple Geometric progressions. 	
	 Simultaneous Equations 	 Linear inequalities and inequality regions 	
	Data Handling:	 Simultaneous Equations – Linear, Quadratic 	
	 Scatter graphs and Line of Best Fit 	and Circle Equations as one of the equations	
	 averages from tables and grouped 		
- 0	intervals		
Careers	CAD Technician	Acoustic Consultant	
	Probability:	Algebra:	Revision and preparation for final examinations.
	 Product Rule for Counting 	 Quadratic, cubic, exponential and reciprocal 	
	 Two-way tables 	graphs	
	 Venn Diagrams 	 Tangent to a circle 	
	 Tree Diagrams and Conditional 	 Completing the Square 	
	Probability	 Solving Quadratic Equations algebraically and 	
	Geometry:	from their graphs	
	 Angles in Polygons 	Probability:	
	 Trigonometry 	 Product Rule for Counting 	
က	Algebra:	 Two-way tables 	
	 Solving Quadratic Equations 	 Venn Diagrams 	
	algebraically and from their graphs	 Tree Diagrams and Conditional Probability 	
		Geometry:	
		 Angles in Polygons 	
		 Trigonometry 	
		Vectors	
		Statistics:	
		 Cumulative frequency graphs & box plots 	
		 Histograms. 	
Careers	Sports Science and Analysis	Statistician	

Year 10 Higher Cycle 2 Mathematics

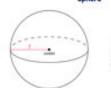


Simplify

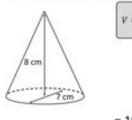
$$\frac{2x+8}{4}$$

$$\frac{2x+8}{4} = \frac{2(x+4)}{4} = \frac{x+4}{2}$$

LO: apply the formula for the volume of a sphere and cone



What is the volume of this cone?



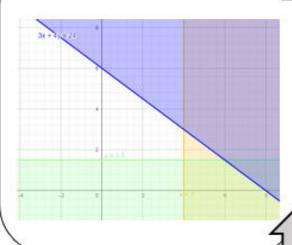
= 103 cm³

Simplify

$$\frac{x+5}{2x+10}$$

$$\frac{x+5}{2x+10} = \frac{x+5}{2(x+5)} = \frac{1}{2}$$

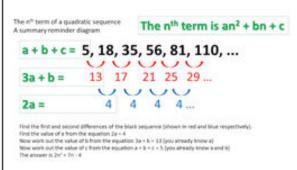
LO: draw and shade inequality regions



Simplify $\frac{x^2 + 5x + 4}{x^2 + 8x + 16}$

$$= \frac{(\chi+1)(\chi+4)}{(\chi+4)(\chi+4)}$$

LO: find the formula for the nth term of a quadratic sequence



Year 10 Higher Cycle 2 Mathematics

LO: convert recurring decimals to fractions

Recurring Decimals to Fractions

- 1. Let x = recurring decimal.
- 2. Let n = the number of recurring digits
- 3. Multiply the recurring decimal by 10°.
- 4. Subtract (1) from (3) to eliminate the recurring part.
- 5. Solve for x, expressing your answer as a fraction in its simplest form.

0.7 (one recurring digit) x = 0.7777...

10x = 7.777...

10x - x = 7

9x = 7

1.256 (two recurring digits) x=1.25656... 100x =125.6565... 100x-x=125.6565...-1.256565... 99x = 124.4x = 124.4 1244 622

99 990 495

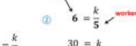
LO: recognise inverse proportion problems

- (1) Write an equation of proportionality.
- Substitute x & y to find k.
- Rewrite the equation using k and substitute x to find y.



5 workers can dig a well in 6 hours.

How long does it take 2 people? y = time



LO: find compound interest from the formula

£5000 in invested with an interest rate of 9.2% for two years. What is the value of the investment after 2 years?

Using the formula for compound interest,

$$A = P \left(1 + \frac{r}{100} \right)^n$$

$$=5000\left(1+\frac{9.2}{100}\right)^2$$

$$=5000(1.092)^2$$

$$A = 5962.32$$

LO: solve simultaneous equations with one non-linear equation

Solve the simultaneous equations

$$y = 3x + 1$$

$$y^2 = 4x^2 - x + 7$$

$$(3x+1)^2 = 4x^2 - x + 7$$

$$9x^2+6x+1=4x^2-x+7$$

LO: factorise quadratic expressions

Factorise this quadratic

$$x^2 + 10x - 24$$

A
$$(x+4)(x+6)$$
 B $(x+2)(x-12)$

B
$$(x+2)(.$$

$$(x-6)(x-4)$$

$$D(x-2)(x-12)$$

$$E(x-6)(x+4)$$

$$F(x-2)(x+12)$$

Which is the correct answer?

LO: factorise quadratic expressions where a > 1

$$6x^2 + 3x - 8x - 4$$

$$=(6x^2+3x)+(-8x-4)$$

$$= 3x(2x + 1) + (-4)(2x + 1)$$
 Factor out GCFs

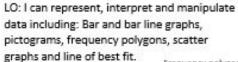
$$=3x(2x+1)-4(2x+1)$$

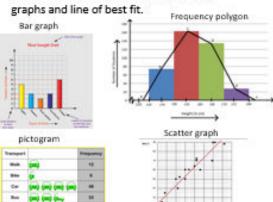
$$=3x(2x+1)-4(2x+1)$$

$$=(2x+1)(3x-4)$$

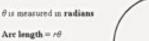
Factor out 2x + 1

Year 10 Foundation Cycle 2 Mathematics





LO: I know the circle definitions and properties including: tangent, arc, sector and segment. I can calculate the arc length of a sector and sector





Hegarty 425,426,441,453,454

Hegarty 544-547

LO: I can work out averages and range including from frequency tables.

Mean = the sum of the numbers divided by the number of numbers in the data set

Median = middle number when ordered smallest to

Mode = number that appears the most often Range = highest number takeaway smallest number

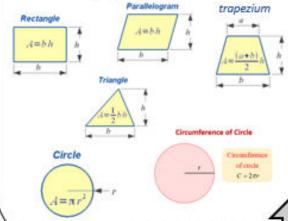
Minutes Late, t	Frequency,	Midpoint, x	tu.
0 < t ≤ 10	27	5	135
10 < t ≤ 20	10	15	150
20 < t ≤ 30	7	25	
30 < t ≤ 40	5	35	
40 < t ≤ 50	4		
50 < t ≤ 60	2	55	110
Total	55	Total	

Fill in the gaps Can you work out the mean from the table? What about the median?

Hegarty 402-418

Hegarty 47-51

LO: I can calculate areas and perimeters of rectilinear shapes, triangles and circles.



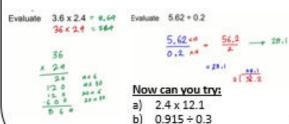
Hegarty 536-543, 548-559

LO: I can do all 4 operations with decimals

Always align your decimals when adding or

subtracting 7.4 + 182.38 + If c. 1 ff 182.3 # +007.40 199.75

Can you do 5.6-2.95?



LO: I can estimate calculations by rounding to 1s.f.

Estimate 315 ×19

First round all values to 1 s.f. before calculating.

a 300 ×20 a 6000 a 10

Now can you try estimate these:

- a) 3.21 × 68.5
- b) 534 × 4.8

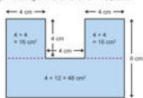
Hegarty 130 and 131

Year 10 Foundation Cycle 2 Mathematics

LO: I can calculate areas of compound shapes

Divide the shape into squares and rectangles, find their individual areas and then odd them together

The length of the larger rectangle is $4+4+4=12\ cm$



 $Area = 16 + 16 + 48 = 80 \text{ cm}^2$

Imagine the shape as a large rectangle with a section cut out,

Hegarty 555

LO: I can calculate the surface area of a right prisms and cylinders. Area of a Right Triangular Frian # 86+(8,+8,+8)# (SA) $SA = 2 \pi rh + 2 \pi r^{\dagger}$ $r = radius \ h = height$

Hegarty 584-586

LO: I can find the nth term of a linear sequence.

I can understand and recognise 'special sequences' including square, cube and Fibonacci.

> Find an expression for nth term for the following sequence

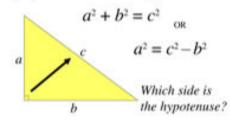
It goes up in 3 therefore the nth term starts

You then find the 0th term by finding out what comes before the 1st term.

In this case -1

Therefore my nth term is: 3n - 1

LO: I can use Pythagoras' theorem in right angled triangles, as well as solve problems with Pythagoras' theorem in 2D figures.



The right angle points to the hypotenuse. It's the side labelled "c".

Hegarty 498-504 Hegarty 198, 261, 263

LO: I can solve linear simultaneous equations by elimination and substitution, as well as derive and solve two simultaneous equations from a worded problem

Solve the system by elimination.

$$\begin{cases} x + 2y = 11 \\ -3x + y = -5 \end{cases}$$

Step 1
$$x + 2y = 11$$

 $-2(-3x + y = -5)$
 $x + 2y = 11$
 $+(6x - 2y = +10)$

Step 2 7x = 21

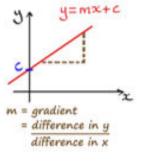
7x + 0 = 21x = 3

Multiply each term in the second equation by -2 to get opposite y-coefficients.

Add the new equation to the first equation to eliminate y.

Solve for x.

LO: I can find the equation of a line in the form of y=mx+c, as well as understand and interpret the gradient and y-intercept of straight line graphs, including parallel lines.

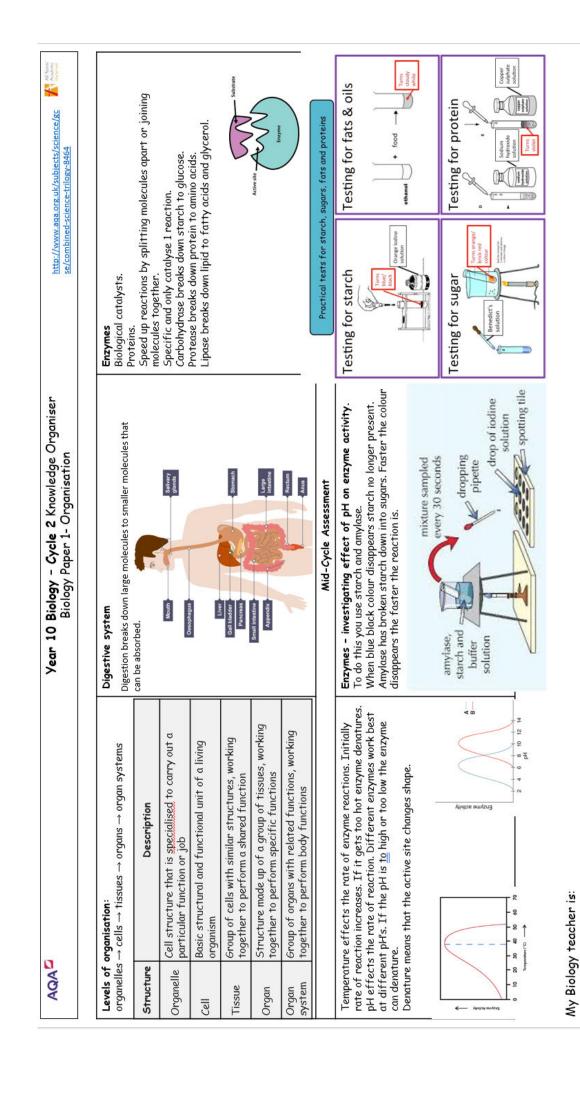


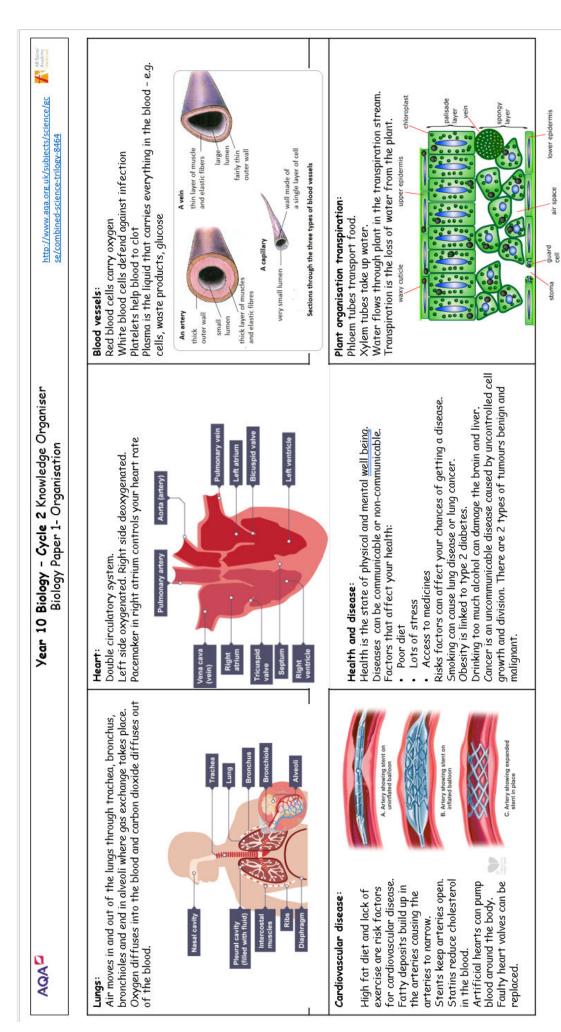
Hegarty 206-214

Hegarty 190-195

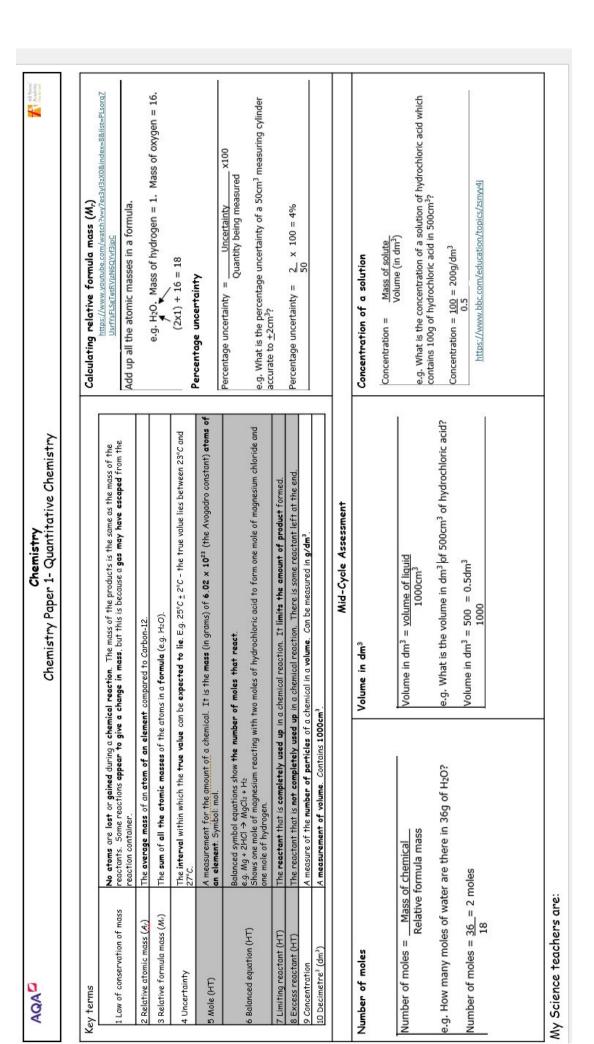
KS4 Science Curriculum 2024-25

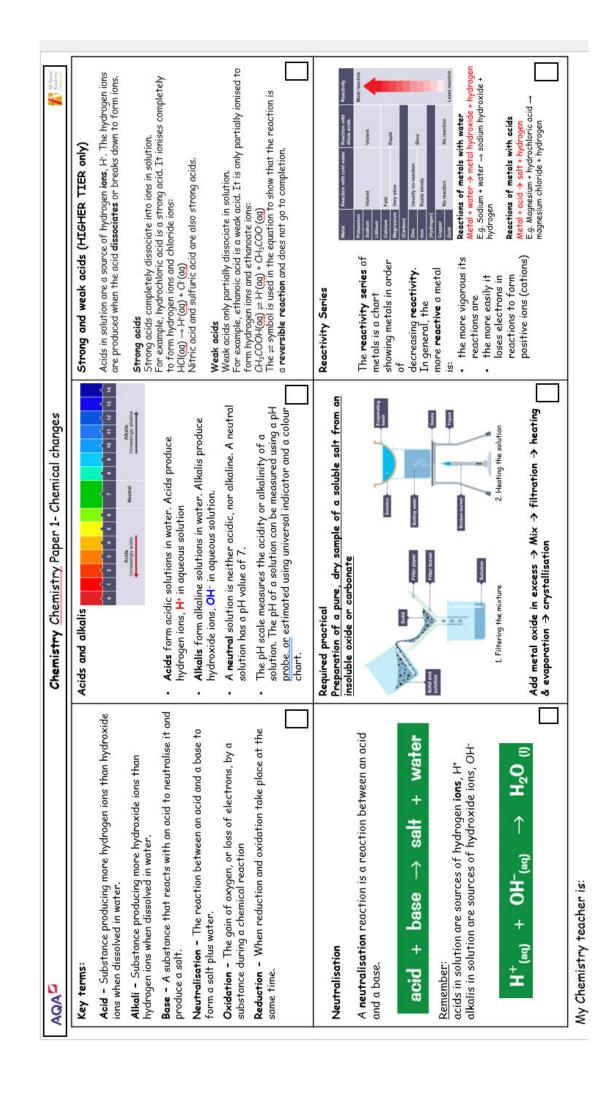
			22	223		
8—8	Ye	Year 10		Ye	Year 11	
	Knowledge and skills	Enrichment	Curriculum links	Knowledge and skills	Enrichment	Curriculum links
Cycle	Topics – Cell Biology,	'Street Science'	Maths –	Topics – Evolution, Ecology, Chemical	'Street Science' for	Maths – throughout
1	Organisation, Atoms and the	for students to	throughout all	Analysis, Chemistry of the Atmosphere,	students to take	all topics.
	Periodic Table, Bonding, Energy,	at break and	topics.	Using Resources, Waves, Magnetism,	part in experiments	Geography – links to
	Electricity	lunch.	PE – movement,	Space Physics.	at break and lunch.	sustainability.
		Science society,	circulation link			
	Assessment:	a club that takes	to fitness	Assessment:		
	End of topic, small assessments	part in events	DT – links to	End of topic, small assessments		
	throughout.	and	digestion and	throughout. Mock Examinations.		
		competitions.	food groups.			
	Careers – Medicine, Chemical			Careers - conservationist, sustainability		
	engineer, design engineer			officer, geologist, astrophysicist		
Cycle	Topics - Infection and Response,	'Street Science'	Maths –	Topics – Revision of all topics, including	'Street Science' for	Maths – throughout
2	Bioenergetics, Chemical	for students to	throughout all	targeted revision for student specific	students to take	all topics.
8	Changes, Energy Changes,	at break and	topics.	areas.	part in experiments	
	Radiation, Matter	lunch.	Recognising		at break and lunch.	
		Science society,	patterns.	Assessment:		
	Assessment:	a club that takes		End of topic, small assessments		
	End of topic, small assessments	part in events		throughout. Mock Examinations.		
	throughout.	and				
		competitions.				
	Careers – Medicine, botanist,					
	chemical engineer, electrician					
Cycle	Topics – Homeostasis, Rates of	'Street Science'	Maths –	Topics – Revision of all topics, including	'Street Science' for	Maths – throughout
က	Reaction, Organic Chemistry,	for students to	throughout all	targeted revision for student specific	students to take	all topics.
	Forces	take part in	topics. Using	areas.	part in experiments	DT – electricity, wiring
		experiments at	equations.		at break and lunch.	and household skills.
	Assessment:	break and		Assessment:		
	End of topic, small assessments	lunch.		End of topic, small assessments		
	throughout. Mock	Trips to the		throughout. Mock Examinations.		
	Examinations.	Cheltenham		8		
	89	Science Festival.				
	Careers – medicine, counsellor,					
	chemical engineering,					
	petrochemistry, design engineer					

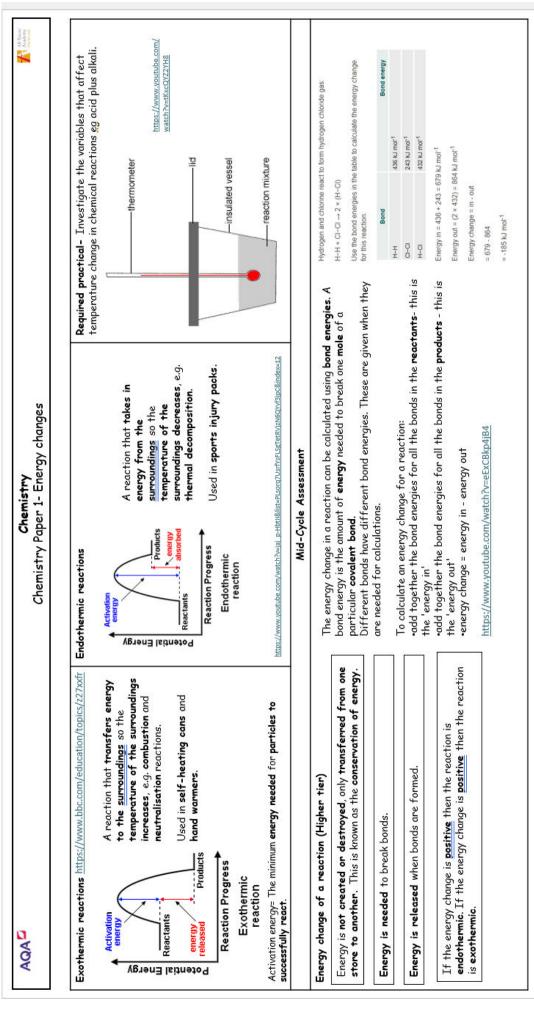




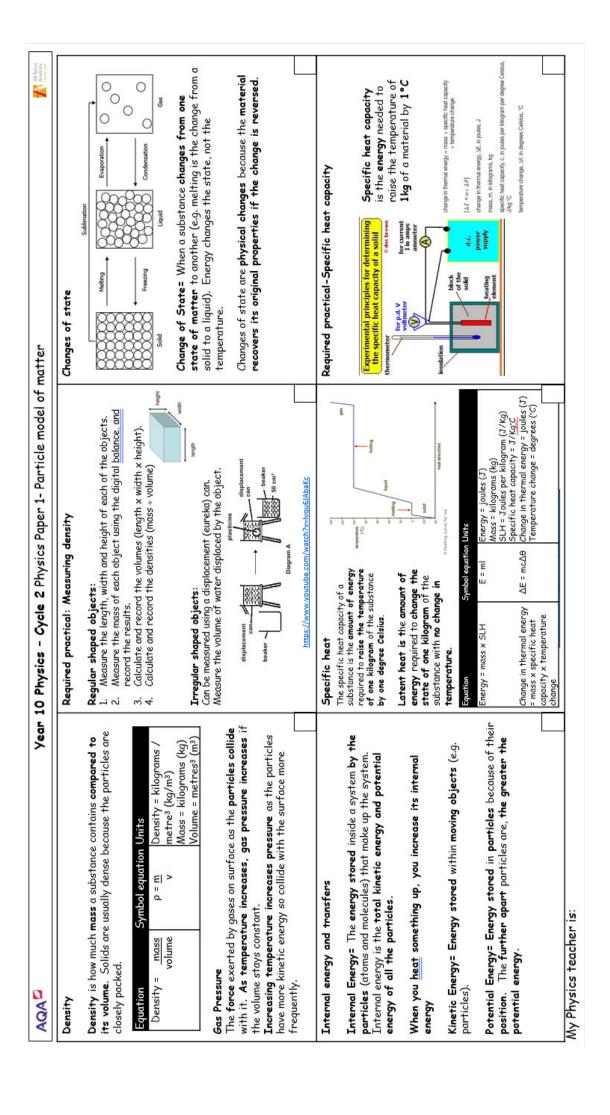
My Biology teacher is:

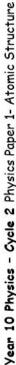






My Chemistry teacher is:







The plum pudding model shows that the atom is a ball of positive charge with negative electrons embedded in it. Was incorrect. Bohr discovered the arrangement The nuclear model has a positive nucleus and electrons orbiting. positively charged nucleus. experiment found a dense, Chadwick later discovered Rutherford's scattering of electrons in shells. Development of the model of the atom neutrons. Electron Plum pudding model 0 Nuclear model Absorption of radiation may closer to the nucleus (lower Atoms of the same element can have different numbers of (higher energy level). Emission of radiation may further from the nucleus lead to electrons moving neutrons; these atoms are called isotopes of that element. lead to electrons moving Atoms turn into positive ions if they lose one or more Energy levels: energy level). Carbon-14 6 protons 8 neutrons 14C Isotopes of Carbon Atoms and Isotopes Carbon-13 6 protons 7 neutrons outer electron(s) 13C Carbon-12 6 protons 6 neutrons 12C Electron configuration-Electrons fill the first energy level (shell) first. electrons: 2 in first shell 8 electrons in other shells substances are made of atoms. No overall electrical charge. Very Maximum Atom=The smallest part of an element that can exist. All 23 Orbiting in shells Charge Position in Atom Atomic number - the electrons is the same number of protons Mass number -the total number (the number of of protons and in an atom) neutrons Very small -1 · Electrona SSDW small, radius of 0.1nm. Atomic Structure Sub-atomic Electron Neutron

Product emitted when nuclei decays

Ionizing Power

Radiation Range in air Absorbed by

2 protons and 2 neutrons

aper and skin Very High

Short - up

Alpha

Electron

Medium

About 5mm of

Medium about 1m to Scm

Electromagnetic wave

Several centimetres of Low

Julimited spreads out ead.

in air from the source

Activity: The rate at which decay occurs. Measured in becquerels

Radioactive decay: When an unstable nucleus changes to become

Nuclear radiation

more stable and gives out radiation. Random

Count rate: Number of decays recorded each second by a Geiger-

Muller tube.

Contamination	uo
Contamination	The unwanted presence of materials containing radioactive atoms e.g. within liquids, with the body/ on the skin.
Irradiation	When an object is exposed to radiation . The object does not become radioactive itself.
Ionisation	Radiation can ionize by removing electrons from atoms to form ions. If this happens in DNA it could lead to a mutation that causes cancer.
Peer review	The checking of scientific results by other scientific experts.

The time it takes for the number of nuclei of the isotope in a sample to halve

Half-life

Nuclear equations

The time it takes for the count rate (or activity) from a sample containing the isotope to fall to half its initial

ō

Time (days)

level.

	uclei releasing a lot of	ear power stations
	wo daughter nuc	Used in nucl
	utron, splits into t	
	nucleus absorbs a ne	utrons.
Nuclear fission	Where an unstable r	energy and more ne

My Physics teacher is:

process.

Nuclear fusion Where two **nuclei** combine to produce a new, larger **nucleus**. Releases a lot of energy in the Requires high temperature and pressures, happens in stars.

AGA

KS4 Religious Studies Curriculum Plan 2024-25

Year 11 - Edexcel	ding of how society functions. Leading to careers in the public sector, HR, Social policy elated tasks will be set at the end of every cycle that link to careers.	Intro Living the Muslim life -	 The Ten obligatory acts in Shi'a Islam The Shahadah 	Salah	• Sawm	Zakati and Khums		Celebrations and commemorations	Total Beare and Conflict -	• Dence	- Dence making	• Conflict	Pacifism	 The just war theory 	Holy war	Weapons of mass destruction Issues surrounding conflict	Mocks and GCSE style assessment, based upon these topics Assessment and mark	Scheme in shured dred.	Green pen against mark scheme, peer review then teacher assessment tollowed by consolidation of common misconceptions.	Revision	Start revision for Mocks - Matters of life and death - Sanctity of life and associated	teaching Ovels 2 - FIJT MOCKS - Christian Beliefs and Practices, plus marriage and family	revision	Revision from the post mock point will be based upon weak areas from full mocks for	each class, below is a suggested outline. This will be confirmed in Dept. meetings and	agreed with HaE	Cycle 2 - Structured Revision	Start with Muslim Beliefs -	6 Beliefs and 5 Roots	Allah and Prophets	Holy books and Angels	Al-Qadr and Agirah	Living the Muslim Life revision –	The 10 obligatory Acts and Shahadan
Year 10 - Edexcel	Building understanding of world views and philosophical and ethical approaches gives an understanding of how society functions. Leading to careers in the public sector, HR, Social policy design, law, environmental work, <u>International</u> development, working with NGO's etc. home work related tasks will be set at the end of every cycle that link to careers.	Paper 1 Religion and Society through a study of Christianity Christian Beliefs The Trinity	 The creation of the universe and humanity The incarnation 	 The last days of Jesus' life 	 The nature of salvation 	Christian eschatology	The problem of evil and suffering Californ to the modulem of evil and cuffering	Matter of 15 and Proofs	Origing and value of the universe	The conclity of life	The origins and value of human life	The issue of abortion	 Death and the afterlife 	 Non-religious arguments against life after death 	• Euthanasia	The natural world and issues raised	GCSE style assessment, based upon these topics. Assessment and mark scheme in shared area.		Green pen against mark scheme, peer review then teacher assessment followed by consolidation of common misconceptions.	Intro Living the Christian life	Christian worship	Sacraments The nature and purmage of prover	Diorimgoe	Celebrations	 The future of the Church 	 The Church in the local community 	 The worldwide Church 		Intro Marriage and the family –	• Marriage	 Sexual relationships 	Families	• Roles within the family	Family in the local parish
Staff	Careers	<u>Cycle 1 = 10</u> <u>weeks</u>															Assess Week -	(I week)	Review - (1 week)	Cycle 2 = 10	weeks													

+<u>†</u>+

	 The family in the parish today Family planning Divorce Men and women in the family Gender prejudice and discrimination 	Salah and Sawm <mark>Zakh</mark> and <mark>Khums</mark> – and Hajj Jihad and celebrations and festivals
Assess Week - (1 week)	6CSE style assessment, based upon this topic. Assessment and mark scheme in shared area.	GCSE style assessment, based upon this topic. Assessment and mark scheme in shared area.
Review - (1 week)	Green pen against mark scheme, peer review then teacher assessment followed by consolidation of common misconceptions.	Green pen against mark scheme, peer review then teacher assessment followed by consolidation of common misconceptions.
Weeks = 10	Introduction to Paper 2 - Religion, Peace and Conflict through a study of Islam Muslim Beliefs - The six beliefs of Islam The five roots of "Usul ad-Don" in Shi'a Islam The nature of Allah Sisalah Muslim Holy books Adlak Askhirah Intro Crime and punishment in Islam - Justice Crime Good, gyil and suffering Punishment Aims of punishment Forgiveness Treatment of criminals The death penalty	
Assess Week - (1 week)	6CSE style assessment, based upon this topic. Assessment and mark scheme in shared area.	Assessment based upon Paper 1.
Review - (1 week)	Green pen against mark scheme, peer review then teacher assessment followed by consolidation of common misconceptions.	Green pen against mark scheme, peer review then teacher assessment followed by consolidation of common misconceptions.



Edexcel Year 10 RE - Cycle 2 - Living the Christian life

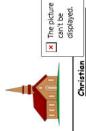
All Saints Academy

Worship

Christians have two types of worship: liturgical worship, which is worship using a set form.

non-liturgical worship, which has no set form and tends to focus on music and the sermon All Churches have informal worship at gatherings such as Mums and Tots, and Christians also worship in private.

It is important to have different types of worship because people have different feelings and interests.



Advent is a four-week preparation for Christmas when Christians think about Jesus coming again to bring in the final judgement. Christmas celebrates the birth of Jesus and is important for Christians because without the birth of Jesus there would be no Christianity and no salvation from sin. Holy Week is when Christians remember the

last week of Jesus' life, especially the Last Supper on Maundy Thursday and the crucifixion on Good Friday.
Easter Day celebrates Jesus rising from the dead. Easter is important because it celebrates the founding of the Eucharist.
Jesus dying to save people from sin and rising from the dead to give Christians the hope of eternal life.

Sacraments
Sacraments
Sacraments are celebrations. They mark
stages in life and are outward signs and
symbols which show that an inward gift from
God has been given.
Catholics, Orthodox Christians and some
Anglicans have seven sacraments, while most
Protestants just have baptism and Eucharist.
Christians are baptised to become members of
Most Christians are baptised to become members of
Most Christians are baptised as babies, but
some Christians such as Baptists are baptised
as adults.
Believe that the bread and wine in the
Eucharist change to the body and blood of
Jesus, others (Protestants) call it Holy
Communion and think it is just remembering
the Last Supper, but all Christians believe
that it unites them with Jesus and each other.

Confession – prayers saying sorry for sins and asking God's forgiveness

Supplication

Thanksgiving - prayers thanking God

he is

[b] 'Everyone needs to pray.' Evaluate this statement considering arguments for and

The future of the Church

Great Commission - Jesus' last command to his disciples to go out and convert the world Evangelism is important for the church as a whole and for individual Christians.

It: Enables Christians to abey the Great Commission of Jesus Encourages Christians to tell other people about their faith

Can help the poor and suffering to have hope Can occur alongside improvements to education and healthcare

and rearminate
Keeps the Christian message alive and relevant
to life today.
Brings many new Christians to the Church.
What is missionary work?

about the faith.

They are important to the local area because they also provide schools, social facilities and advice centres as well as running such things as food banks.

They are also involved in working with other churches to bring about Church unity

sacraments and opportunities to learn more

Local churches provide worship, the

The church has a mission to spread the Christian faith. It does this by sending missionaries around the world. As well as preaching to people about Jasus, missionary work may also include working among the poor to build hospitals and schools, nursing and teaching.

(ecumenism).

Pilgrimage

Pilgrimage has always been important for Christians as they believe it brings them closer to God.

Vocal prayer - prayer using words
Meditation - thinking about religious matters
Contemplation - communion with God

Adoration - praising or adoring God for what

Christians go to Jerusalem to feel close to Jesus in the places he spent his final days. They visit places like Walsingham to feel close to the Virgin Mary and go on pilgrimage to places like Iona and Igizé to become more united with other Christians.

Every year Jesus' parents went to Jerusalem for the Festival of the Passover. When he was twelve years old, they went up to the festival according to the custom. After the festival was over, while his parents were returning home, the boy Jesus stayed behind in Jerusalem, but they were unaware of it. (Luke

2:41-43)

[12 Marks]

refer to different Christian points of view

reach a justified conclusion.

against. In your response you should: refer to Christian teachings

The worldwide church

Reconciliation – bringing together people who were opposed to each

Persecuted - to treat people badly or harass them because of their religion/race etc Charity - he voluntary giving of help, typically in the form of money, to those in need

Ecumenism - A movement that tries to bring

Denomination - A group of Christians with shared set of beliefs.

Parish - A community of believers from a

denomination in a particular area.

different Christian denominations together.

form of money, to those in need Forgiveness - Stopping blaming someone, and/or pardoning them for what they have done wrong Christianity is the world's largest religion and is at work throughout the world. It tries to bring an end to conflict because Christians believe that Jesus died to bring forgiveness and reconciliation. The Church is being persecuted in Muslim countries which operate Shagiffan (Islamic) law and in dictatorships like North

Homage – acknowledgement of superiority
Reverence – an act showing religious respect
Host – unleavened bread used in the Euchanist
Clergy – people ordained for religious duties in
Christian

Churches Vestments - official robes for those leading Christian worship these leading Christian worship of the teating and a list of Bible readings to be read at certain times of the year Liturgical year - the year in the Church's collendan based on the special festivals from Advent to Pentecost
Congregation - the people assembled for

Liturgy - a set form of public worship
Haly Communion - the Christian service of
thanksgiving using bread and wine (also called
Eucharist or Mass)
Externore process said without

Extempore prayers - prayers said without preparation

Sacrament - an outward sign of an inward blessing

Penance – an action showing sorrow for a sin Eucharist – a Christian rite considered by most to be a sacrament Grace – God's gift which gives strength to be

good and holy

Infant baptism – baptising babies, with their
parents and godparents making vows on their
behalf

packal Packal candle – the large candle kept in the church throughout Easter and first lit on Easter Day Believers' baptism - restricting baptism to those old enough to understand the meaning of the ritual of consument involving a child heim Deficition - a consument involving a child heim

Dedication - a ceremony involving a child being presented to the congregation and vows being made to encourage the child to follow the Christian life

Absolution - through the actions and words of a priest or minister pardon of sins is assured Holy Communion - where Christians share bread and wine re-enacting the Last Supper Transubstantiation - the belief that during the service of Mass (also called Eucharist or Holy Communion) the bread and wine renarionmint the body and blood of Jesus

Stretch and challenge:- Does the Church still have relevance in the 21st Century? Has the true meaning of Easter

Edexcel - Year 10 Religion and Ethics - Cycle 2 - Matters of life and death

Origins and value of the universe

Today, the idea now known as the Big Bang theory is the most accepted scientific explanation for how the universe came into being.

comes from God. Human life is believed to be particularly precious and is

regarded as sacred.

Christianity teaches that all life is special because it

The Sanctity of life

were \underline{born} I set you apart. I appointed you as a prophet to the nations. (Jeremiah 1:5)

Christian might try to live their life and their attitude towards bioethical issues associated with the beginning

A belief in the sanctity of life can influence the way a

Before I formed you in the womb I knew you, before you



- important and is a reflection of God's great power and wisdom, known as general Christianity teaches that the universe is
- about God by studying the universe. This is known as natural theology. Many Christians believe that you can learn
- Christianity has been criticised in the past for excounting as efficient and destructive artitude towards the environment. In response to this, the Christian Church has urged people to be better stewards of the Earth and the environment.

Death and the afterlife

People have different ideas about what happens after death. Christians believe that the resurrection of Jesus proves that life continues after death.

Euthanasia is a term used to describe the deliberate act of ending a person's life to relieve pain and suffering. It is a complex issue and can also be known as assisted dying.

Euthanasia

Theists and Humanists do not believe in life after death. They argue that death is the end of human existence and to think anything else is just wishful thinking.

Christians reject all arguments that say there is no such thing as an affertifie. They are also taught to answer questions and explain their beliefs to the non-religious.

Some people claim to have had near death experiences, which they think supports the idea of an ofterfife, although others disagree and say that this can be explained in other

Origins and value of human life

Scientific theories argue that human beings were not created when the universe began billions of years ago but came into being much later through a process known as evolution.



Scientific ideas about the origins of human beings do not affect the Christian belief in the sanctity of human

euthanasia. While all Christians may believe in the sanctity of <u>life</u> they can have different views about matters of life and

cloning, fertility treatments, genetic engineering and

and end of life, such as abortion, embryo research,

Christians share a respect and regard for the value of human life with people from other religions and agnostics and atheists alike.

The value of human beings is recognised in the Universal Declaration of Human Rights.

"In the name of God: respect, love and serve life. Every human life."

sanctity life

that abortion can be a positive moral choice.

Christian and non-religious responses to the natural world

Christians believe that stewardship is a way of life. This means they

have a responsibility to try to protect and improve the environment

Operation Noah is an ecumenical Christian charity which is very concerned about climate change. It says that the time has now come for everyone, particularly Christians, to take action against this. In the past, Christianity has

palliative care are

Hospices and

seen as alternatives to

euthanasia.

117

- 10-



think it is morally

euthanasia and

X

wrong. This is because of a

belief in the sanctity of life.

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Most Christians disagree with

However, they have different The Anglican Society for the Welfare of Animals (ASWA) is a Church of England animals and, in some cases, how they should be treated organisation that supports ideas about the role of animal welfare.

caring for It also compaigns to stop the abuse of animals Organisation, which aims to educate people about the importance of caring all of creation.

voluntary euthanasia legalised, under strict conditions. They believe that it is everyone's basic human right to be able to choose how and when they die. Christians do not want euthanasia to be legalised

Humanists and many atheists would like to see

Abortion

Abortion is the medical process that terminates or ends a human pregnancy so that it does not result in the birth of a baby.



Christian Church has taught that abortion is denominations have different views and for many Christians it is a very complex issue. circumstances. Today Traditionally, the wrong in all

support a woman's right to have an abortion. If that is the right choice for them, but believe that abortion should be a lear resort. Atheists have differing views about abortion. Some atheists are very pro-life and totally against abortion, whereas others believe that it can be a positive moral choice. A Christian may or may ont share the views of an atheist or Humanist about abortion, depending upon each of their personal beliefs. Most Christian would disagree with the idea Humanists believe that abortion is a serious moral issue. They

Exam questions

- Outline 3 arguments for life after death (3 Marks)
- Outline 3 reason for why a Christian might oppose abortion Outline 3 arguments in support of euthanasia (3 marks) (3 Marks)
- Explain two scientific explanations about the origins of human life. (4marks)
- Explain two reasons why a nonreligious person would reject belief in a life after death, (4 marks). Explain two different Christian beliefs about animal rights (5 marks).
- Explain two reasons why Christians believe in the existence of life after death. (5 marks) Explain two reasons why a Christian might oppose Euthanasia. (5 marks)

> In your answer you must refer to a source of wisdom and authority

'Human life created itself' (12 marks) . . .

- Abortion is always wrong! (12 Marks)
 There is no good reason to believe in an afterlife.'
 > Refer to Christian teachings
 - > Refer to a different Christian point of view Read a justified conclusion

Looking after something that is not your own Stewardship



Big Bang A scientific

theory regarding the origin £ the universe.

Sanctity of Life
The belief that
life is holy and
belongs to God Abortion: The Deliberate ending of a

pregnancy by removal of the foetus

which suggest hat there may be a nonvisible sprit Paranormal: Experiences world. Quality of life:
The value given to life depending on how far a person can take enjoyment form it.

life ending medication by a third party Euthanasia: The deliberate administering of

provides care for people who have A place which Hospice:

terminal illness serious or



Key Stage 4 Physical Education

	Year 10	Year 11		
	Leadership skills and implementing and developing tactics	Evaluating performance and demonstrating improvement	Enrichment	Curricular links
Cycle 1	 Evaluate performance Embedding and continue to develop techniques into a competitive game Use and develop tactics in various <u>situations</u> Analyse and evaluate skills as a leader and official – officiating games with <u>support</u> Assessment: skills learnt used within a game type of activity/<u>routine</u> 	 Evaluate performance and demonstrate improvement Embedding and continue to develop techniques into a competitive game Use and develop tactics in various situations Analyse and evaluate skills as a leader and official – officiating games with support Assessment: skills learnt used within a game type of activity/routin3	Football Netball Rugby Trampolining Fitness club Dance Basketball	HRE links Science
Cycle 2	Evaluate performance Embedding and continue to develop techniques into a competitive game Use and develop tactics in various situations Analyse and evaluate skills as a leader and official – officiating games with support assessment:	 Evaluate performance and demonstrate improvement Embedding and continue to develop techniques into a competitive game Use and develop tactics in various situations Analyse and evaluate skills as a leader and official – officiating games with support Assessment: 	Football Netball Rugby Trampolining Fitness club Dance Basketball	
Cycle 3	 Evaluate performance Embedding and continue to develop techniques into a competitive game Use and develop tactics in various situations Analyse and evaluate skills as a leader and official – officiating games with support Assessment: skills learnt used within a game type of activity	 Evaluate performance and demonstrate improvement Embedding and continue to develop techniques into a competitive game Use and develop tactics in various situations Analyse and evaluate skills as a leader and official – officiating games with support Assessment: 	Cricket Rounders Athletics Tennis Softball	Measurements – Maths

Year 10 PE – Tactical Development/Leadership

Table Tennis

- Grip and stance
 - Push –
- Backhand/Forehand
 - Backhand Drive application of spin

Working with others

Leadership skills

Confidence Skills

Leaders:

Girls Football

- Forehand Drive application of spin
- Serve
- Lob and smash
- Singles and doubles play

Football

- Defensive tactics
 - Attack tactics
- Formations
- Set plays
- Adapting tactics
- Leadership/ coaching

Trampolining

Passing/Receiving, Ball

Recap – recall

Netball

handling, Footwork, Marking/covering,

- Basic moves and twists
 - Seat landing plus combinations

Tactical development – centre

Intercepting, Dodging

passing, backline, side line

Game play Officiating

Swivel hips Front landing plus combinations

Communication skills Problem Solving skills. Back landing plus combinations

Coaching and development

Somersaults

Rugby

Moving with the ball

Receiving

Turning

Finishing

Attacking:

Passing

Intercepting

Defending:

- Defensive tactics
 - Attack tactics Formations
 - Set plays
- Adapting tactics

Challenging Covering and recovering

Marking

Pressing

Leadership coaching

HRE

- Circuit movements
- Safe and effective use of resistance machines
- Planning, conducting and evaluating a fitness programme

Stick Option 1
subject
Curriculum
plan here

Stick Option 1
subject
Curriculum
Organiser here

Stick Option 1
subject
Curriculum
Organiser here

Stick Option 2
subject
Curriculum
plan here

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subject
Curriculum
Organiser here

Stick Option 2
subject
Curriculum
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Stick Option 3
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Curriculum
plan here

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