







Welcome to Year 10 Evening







Learners of today. Leaders of tomorrow.

www.riddlesdown.org

Riddlesdown Collegiate











Welcome to Year 10 Evening

- 1) Top tips from students
- 2) Curriculum, assessment and reporting
- 3) Subject specific information
 - English
 - Maths
 - Science
 - Religion and Worldviews
 - Creative and Performing Arts
- 4) Effective independent study
- 5) Your role in the GCSE journey





Advice to Succeed in Year 10







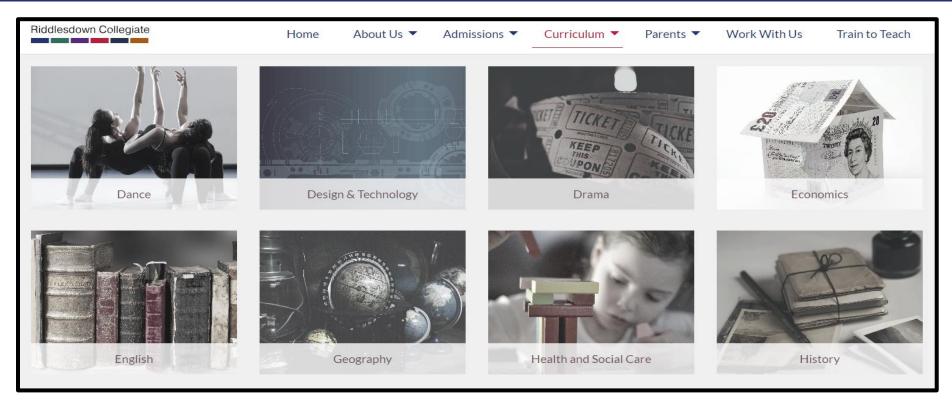
KS4 Curriculum

Subject	Lessons per fortnight			
Subject	Year 10	Year 11		
English	8	9		
Maths	8	9		
Science	12	12		
RE	5	0		
PE*	4	4		
PSHCE*	1	1		
Core Computing*	2	1		
Option A	5	6		
Option B	5	6		
Option C	5	6		
Option D	5	6		
	60	60		





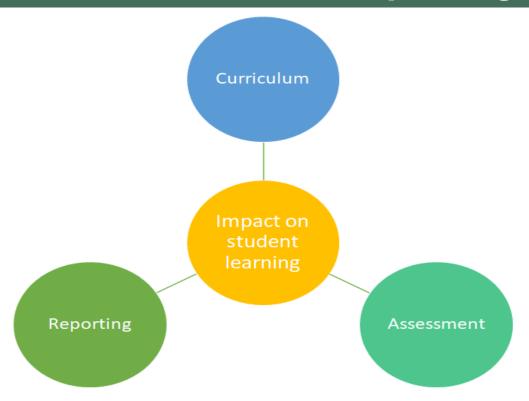
Curriculum Information







Curriculum, Assessment & Reporting







Key Stage 4 Student Report

Subject	ATL Classwork	ATL Independent Study	Most Likely Grade (MLG)	Assessment Grade
English Language	Good	Outstanding	7	6
English Literature	9000	Outstanding	5	5
Maths	Good	Good	5	5
Science	Outstanding	Good	5-4	5-4
Business	Outstanding	Outstanding	7	7
Computing	Good	Good	M1	M1
Geography	Outstanding	Good	8	7
Media	Good	Good	5	7
PE	Good	Good	5	5
RE	Good	Good		
PSHEE	Outstanding	Good		

Term 1 reports will not have a progress rating.

Most recent assessment grade. Grade is based on prior year's GCSE grade boundaries.





Attitude to Learning Grades

	Outstanding	Effort, contribution in class and behaviour for learning are exemplary. The Riddlesdown VALUES are always demonstrated by the student.
ATL	Good	Effort, contribution in class and behaviour for learning are good. The students' behaviours are in line with the Riddlesdown VALUES.
Classwork	Inconsistent	Effort, contribution in class and behaviour for learning are inconsistent. On occasion, the student fails to adhere to some or all of the Riddlesdown VALUES.
	Unsatisfactory	Effort, contribution in class and behaviour for learning are inadequate. The student fails to adhere to some or all of the Riddlesdown VALUES.
	Outstanding	Independent Study is always completed on time and to a very high standard. The student shows dedication to the subject and is adept at reviewing and refining previous work.
ATL	Good	Independent Study is completed on time and to a high standard. The student reviews and refines previous work.
Independent Study	Inconsistent	Independent Study is completed inconsistently, or not to a high enough standard. The student is inconsistent in reviewing and refining previous work.
	Unsatisfactory	Independent Study is not always completed on time, or to a high enough standard. The student is yet to begin reviewing and refining previous work.







Feedback from Examiners – English

- Exams are making greater demands; students require wider knowledge, the ability to think critically and a sophisticated facility with written expression
- Making links between themes, texts and contexts is key
- Careful, attentive reading of questions is vital
- Students need to demonstrate a personal, thoughtful engagement with the subject in their responses
- Originality and flair are rewarded more than sticking to rigid structures
- Time management in exams is just as important as ever





What might my child be anxious about?

- The fact that many of the texts in the exam are 'unseen'
- The high level of challenge involved when reading and decoding the prepared literature texts
- The expectation to learn many quotes by rote
- The struggle involved in formulating and developing extended written responses
- The uncertainty surrounding what makes a written response worthy of the very best grades



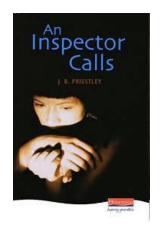


How might I help my child deal with these challenges?

- Model for them what it means to be a 'critical thinker'
- Ensure they are exposed to excellent examples of verbal and written communication
- Challenge them to express themselves well
- Encourage them to complete rote learning over time and remind them of the strategies they could use to do this
- Offer them opportunities that will allow them to build a rich general knowledge that will allow them to consider the texts they are studying in a wider context
- Procure a copy of the primary text they are studying













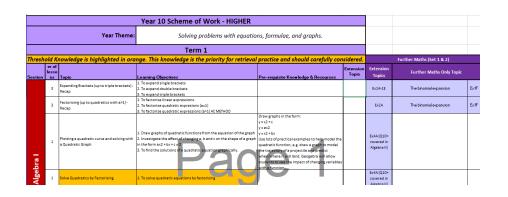






Mathematics

Mathematics Learning Journey



		Area and Perimeter	
Bo. of Iranaa	Skill	Learning Objectives	Note
		Calculate the perimeter of 2d shapes	
1	Perimeter	Find the a missing length when you are given the perimeter	
		Extension: Perimeter with shapes that have algebraic lengths	
		Calculate the perimeter of compound shapes (e.g. L-shapes, T-shapes)	
4	Perimeter	1st step: Calculate the perimeter of the L-shape where all lengths are given	
'	2nd step: Calculate the perimeter fo missing.	2nd step: Calculate the perimeter fo the L-shape where some lengths are	
		missing.	
1	Area	Calculate the area of rectangles and triangles	
1	Area	Calculate the area of parallelograms and trapeziums	
1	Consolidation	Recap perimeter and area, try extension questions	
1	Compound Area	Calculate the area of compound shapes (e.g L-shapes) where all side lengths are given.	
	Compound Area	Calculate the area of compound shapes (e.g.L-shapes) where there are	
1	Compound Area	some missing side lengths.	
		Linear Equations	
Bo. of Iranaa	Skill	Learning Objectives	Note
1	Solving	Solving 1-step equations	
1	Solving	Solving 2-step equations	
- 1	Solving	Solving 2-step equations	
1	Solving	Solving with unknowns on both sides	
-1	Solving	Solving with unknowns on both sides	

- Schemes will be made available on the website and Google Classroom look out for 'Topic Lists'
- > Sets 1-5 will follow the Higher scheme, set 6 the Foundation scheme
- Sets 1&2 will also work towards a Further Maths GCSE alongside this





Assessment in Maths

We are preparing all students for the Edexcel 1MA1 Mathematics course.

1 hour 30 minutes Non-calculator 80 marks

Paper 2

1 hour 30 minutes Calculator 80 marks

Paper 3

1 hour 30 minutes Calculator 80 marks





Skills in Mathematics

Recall - Apply - Problem Solve

A01

(a) Work out
$$3\frac{1}{7} + 2\frac{1}{4}$$

(a) Write down the value of $25^{\frac{1}{2}}$

AO2

Oliver trains for the ultramarathon.

The average speed he can run is now 15.27 km per hour.

(b) How does this affect your answer to part (a)?

The length of the side AB is reduced by 1 cm.

The length of the side BC is still 8 cm. Angle x is still 90°

(b) Will the value of cos x increase or decrease? You must give a reason for your answer. AO3

Hannah buys 6 kg of sweets to sell. She pays £12 for the sweets.

Hannah puts all the sweets into bags. She puts 250 g of sweets into each bag. She sells each bag of sweets for 75p.

Hannah sells all the bags of sweets.

Work out her percentage profit.

The perimeter of a right-angled triangle is 108 cm. The lengths of its sides are in the ratio $\underline{3}$: 4:5 Work out the area of the triangle.





Supporting my Child in Mathematics

- ✓ Encourage a little every day: review the lesson or revise using online platforms
- ✓ Are they marking work in class? And making corrections?
- **✓** Do they have the right equipment?
- **✓** Be positive
- **✔** Don't panic! There is lots out there to help...





Resources to Support Learning

Sources of support:

- ☐ CGP Revision packs from CGP website
- Corbett Maths Website Video tutorials and resources:

www.corbettmaths.com



Corbettmaths

☐ GCSE Bite Size – Excellent Support Website:

www.bbc.co.uk/schools/gcsebitesize/maths/



→ Maths Genie - Great for topic revision https://www.mathsgenie.co.uk/gcse.html





Science

Science Learning Journey: GCSE

- Biology Cells, control, genetics, natural selection, genetic modification, health and disease, plant structures, coordination and homeostasis, exchange and transport, ecosystems
- Chemistry states of matter, chemical changes, extracting metals, equilibria, the periodic table, atoms, elements and compounds, rates of reactions, energy, fuels
- Physics Motion, forces, energy, waves, light, the electromagnetic spectrum, radioactivity, electricity, magnetism, electromagnetic induction, particles and matter.

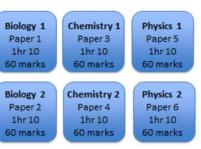




Science Learning Journey: Exams

- Exam board: Edexcel
- Single Sciences: Biology, Chemistry, Physics (Triple set 1)
 - Biology (Paper 1, Paper 2)
 - Chemistry (Paper 1, Paper 2)
 - Physics (Paper 1, Paper 2)

- GCSE (9-1) GCSE (9-1) GCSE (9-1) **Physics** Biology Chemistry Physics 1 Biology 1 Chemistry 1 Paper 1 Paper 1 Paper 1 1hr 45 1hr 45 1hr 45 100 marks 100 marks 100 marks Biology 2 Chemistry 2 Physics 2 Paper 2 Paper 2 Paper 2 1hr 45 1hr 45 1hr 45 100 marks 100 marks 100 marks
- Combined Sciences: Foundation (Grades 1-5, sets 5-6) and Higher (Grades 4-9, sets 1-4)
 - Paper 1 (Biology, Chemistry, Physics)
 - Paper 2 (Biology, Chemistry, Physics)
- Core practicals assessed within the exams







Skills in Science

- Learning new information across all 3 Sciences
 - High level of recall
 - High level of literacy
- Maths skills
- Practical skills
- Working scientifically (analysis, evaluation, risk assessment, graphs)





Assessments in Science

- Linear assessments throughout the course
- No coursework
- All examinations in Summer 2023.
 - 2 papers per Science (6 in total)
 - 1 hour 10 mins Combined, 1 hour 45 mins in Triple
 - 15% Maths
- Mixture of question types
 - Recall (MCQ, fill in blanks, diagrams, short)
 - Extended writing
 - Calculations





Supporting your Child in Science

- Encourage regular review and revision
- Memory games and testing recall of knowledge/equations
- Ensure they have a calculator
- Checking progress
- Use of revision guides
- Google Classroom



Skills Focus: Practical Skills

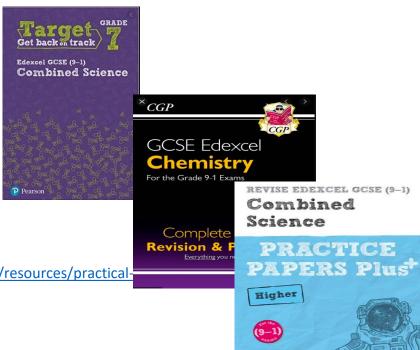
C1 States of Matter C2 Methods of Separating and Purifying Substances			At the end of the topic	
2.1 Describe the arrangement, movement and the relative energy of particles in each of the three states of matter: solid, liquid and gas	5			
2.2 Recall the names used for the interconversions between the three states of matter, recognising that these are physical changes: contrasted with chemical reactions that result in chemical changes	3			
2.3 Explain the changes in arrangement, movement and energy of particles during these interconversions	4			
2.4 Predict the physical state of a substance under specified conditions, given suitable data	5			





Resources to Support Learning

- BBC Bitesize
- Khan Academy
- Seneca Learning
- Edexcel Revision books/activities
 - Target 5/7
 - Revision guides
 - Practice papers
- <u>Chemsheets</u> (Chemistry only)
- Primrose Kitten
- Core Practicals: <u>Malmesbury Science</u> https://edu.rsc.org/resources/practical-16-students/4012090.article
- Physics and Maths Tutor



Pearson





Religion and Worldviews

RE to Religion and Worldviews (RW)

From September 2022, we have decided to relaunch our subject as Religion and Worldviews (RW) in recognition of current thinking and as a more accurate reflection of the existing content and scope of our curriculum.

The following video explores the concept of 'worldviews'

Nobody Stands Nowhere - YouTube





Religion and Worldviews

Our students live in a very different world to that of 1944 when the Education Act enshrined in law a duty for all schools to teach Religious Education (RE).

In preparing for adult life, students need to develop awareness of local, national and global heritage and reflect on religious diversity across these communities.

In the context of today's world, we advocate that RW helps our students to understand and hold balanced, articulate and well-informed conversations about religious and non-religious belief.





Why RW Matters

The ability to understand the faith or belief of individuals and communities, and how these may shape their culture and behaviour, is an invaluable asset for children in modern day Britain.

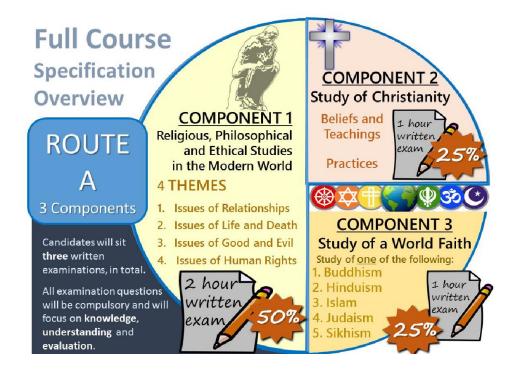
Explaining religious and non-religious worldviews in an academic way allows young people to engage with the complexities of belief, avoid stereotyping and contribute to an informed debate.

(The Religious Education Council of England and Wales)





Religious Studies GCSE Learning Journey







Skills in Religious Studies

DEFINE

the a. questions 2 marks

This question is asking you to define one of the key concepts and add an example to show that you really understand what the word means.

DESCRIBE

the b. questions 5 marks

For these questions, you will need to describe an event, belief, teaching, attitude or practice. Remember to include good religious language and sources of wisdom and authority in your description. You should also

EXPLAIN

the c. questions
8 marks

This time the question is asking you to explain an event, belief, teaching, attitude or practice. Explain' questions require you to provide a detailed explanation of not just 'what' but also 'why'. Using the word 'because' is a sond way to do this.

DISCUSS

the d. questions 15 marks

These questions ask you to discuss the given statement. Read the statement carefully, analyse it and consider it from more than one viewpoint. You need to evaluate how true or valid the statement is according to different viewpoints and

They will be required to:

- Define key concepts and use key terminology.
- Describe an event, belief, teaching, attitude or practice.
- Explain traditions and beliefs from two religious traditions.
- Discuss a statement in order to analyse and evaluate the views of Christians and Muslims on the topic being discussed.





Assessments in Religious Studies

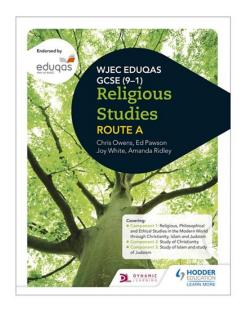
Religious Studies Exam Board
WJEC Eduqas
Course Code C120P3

Assessment and Examination Dates:

Mock 1 Examination w/c 7/11/22 -18/11/22 Mock 2 Examination w/c 6/3/23

Three final GCSE papers May 2023:

(Provisional dates yet to be published)

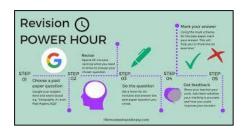






Supporting your Child in Religious Studies

- Encourage <u>wider-reading</u> around the subject.
- Support with <u>revision</u>: mini tests; flash-cards; quote banks; visible posters around the home/bedroom.
- Help them to <u>stick to timings and deadlines</u> when completing independent study tasks.
- Purchase copies of the <u>exam text book and revision</u> book.





	MON	THE	WED	THU	FRI	SAT	SUN	
	BAN - ILAH PEVISE	DAM - HAM DENVISE	BAN - TIAM DEVISE	DAM - ITAM	BAH - ITAH BEVISE	10AM - 12PM	PEST	
BEEKK	DOBSET 1	TOTAL .	BURSHET 1	BURSECT 1	DUBSET 1	EUBSECT 1		
	REVISE	HISPM	REVISE	REVISE	REVISE	Z-ASPH REVIEE	REST	
BERKE	SUBJECT 2	SWBDECT 2	SUBJECT 2	SUBJECT 2	SUBTECT 2	SUBJECT 2		
	2PM - APM REVISE SUBJECT 1	2PH - 4PH REVISE SUBJECT 3	2PM - 4PM REVISE SUBSECT S	2PM - APM REVISE EURZBET 1	2PM - APM REVISE SUBJECT S	IPM - SPH REVISE SUBJECT 3	****	
DREAK								
	4/15PM -	A:05P96 -	4:15PM -	4:15PM -	4:15PM -	GO HAVE	*****	





Resources to Support Learning

Independent Study and Wider Reading

https://www.reonline.org.uk/

https://www.educationquizzes.com/ks3/religious-education/

http://www.bbc.co.uk/schools/websites/11_16/site/re.shtml

https://www.biblegateway.com/

https://www.islam-guide.com/

www.request.org.uk

www.bbc.co.uk/schools/gcsebitesize

https://www.thenational.academy/

https://senecalearning.com/en-GB/

Exam Support

www.eduqas.co.uk

https://www.hoddereducation.co.uk/parent-hub

Key Resources:

WJEC Eduqas GCSE (9-1)
 Religious Studies Route A
 by Joy White, Chris Owens, Ed

Pawson, Amanda Ridley.

ISBN: 9781471866340.

- My Revision Notes WJEC Eduqas Religious Studies Route A by Joy White, Gavin Craigen. ISBN: 9781510414624.
- All schemes of work/lessons and revision documents are on Google Classroom.





The CPA



How to achieve in your coursework...



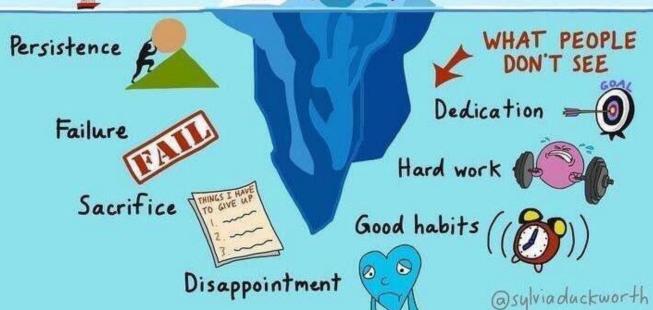
#becreative



Suggess is an ideberg

SUCCESS!

WHAT PEOPLE



CPA CREATE VALUES



COURSEWORK...

- Be organised!
- Create a plan for big assignments/projects
- Track progress by breaking the large task into small achievable tasks
- Research the task do the background work first.
- Map out ideas be focused and revisit this plan all the time.
- Be Realistic. When it comes to planning time to work on the coursework, be realistic about the time each section will take to complete.
- Listen to your teacher see guidance and advice
- Know the mark scheme and expectations of how to get the best grade
- If taking more than one CPA subject, then planning and organisation is paramount.
- Talk to the teachers, the subject specialists
- Avoid distractions
- Rewards, especially when the job is done.
- Creative work takes time don't rush it!
- It's ok to make mistakes, this is part of the creative process

CPA COLLEGE HOW TO SUCCEED IN PRACTICAL EXAMS & ASSESSMENTS?

- PRACTISE!!!!!!!!!
- Take part in extra curricular activities.
- To achieve a grade 7 or above you have to outstanding in your skill, whether that be football, netball, dancing or playing a musical instrument.
- Watch Dance videos in a range of Dance styles to improve your choreography and versatility as a dancer
- E.g. A music student should be practicing everyday the more you do the better you get.

CPA COLLEGE HOW CAN YOU HELP YOUR CHILD ACHIEVE IN CPA SUBJECTS?

- Help them learn their lines for drama
- Get them to read their written work out loud to see if it makes sense
- Encourage students to practice their instrument/voice individually every day, this helps to build stamina and master technique
- Encourage them to take part in extra curricular clubs. It helps with their ensemble skills and sports skills.
- Listen to a variety of different musical styles and compare them to the pieces that you study in class.
- Wider reading students should be finding out more about their subjects.
- Test them on what they have learnt. There are a lot of facts to learn
- Encourage <u>wider-reading</u> around the subject matter- for example gender representation in TV Drama, music videos, film, newspaper and magazine articles
- Support with terminology and theory: mini tests; flash-cards; visible posters around the home/bedroom
- Read through copies of the set exam texts
- Look-over/<u>proof-read</u> work with them; identifying and correcting common errors in SPaG and encourage them to complete 5/10 minutes a day of SPaG related activities.

BROADEN THEIR CULTURAL CAPITAL IMMERSE YOURSELF INTO THE WORLD OF SPORT AND THE ARTS

WATCH DOCUMENTARIES LISTEN TO

GO TO THE THEATRE

LISTEN TO PODCASTS

VISIT ART GALLERIES

READ ABOUT YOUR FAVOURITE ARTIST, MUSICIAN, DESIGNER, SPORTS PERSON

#beactive

#becreative

CPA COLLEGE





Effective Independent Study

An excellent platform for Independent Study







Riddlesdowi

Google Classroom

Benefits for Students:

- They can view their all *Independent Study* at the click of a button
- A personalised experience to help stay organise
- Students have more time to listen in class
- Resources are electronic and support revision from day one
- Challenge & wider reading/research material is easily accessible (to support with attainment of higher grades)

Benefits for Parents/Guardians:

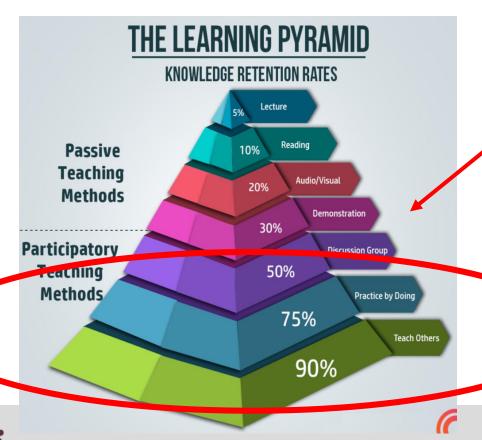
- You can see exactly what Independent Study/revision has been set
- You can easily take part and support with home learning
- It helps parents to support with organisation & time management
- It can help create more positive relationship with teachers & the child





Memory, revision techniques & tips!

Revise Smart



Focus your energy on active revision methods.

It's scientifically proven to be a far more effective way to revise and retain information.





Use a variety of different approaches







- There are so many incredibly useful and interactive resources available online – to help with active revision; students should take full advantage of them.
- Changing your approach to revision regularly helps to support your brain to encode new knowledge and transfer it from your working memory to your long term memory.









Using Flashcards



- 1. On the front of the card, write a key term or question
- 2. On the back of the card, answer that question or write the definition for the term
- 3. Try to guess the answer/definition on the front before checking the answer on the back.

Top Tips:

- Create your own
- One idea, one flashcard
- Combine images & words
- Use spaced repetition to memorise your flashcards





Using flashcards effectively....



- A really effective way of making revision manageable
- You can identify easily the areas you still need to work on further
- It becomes visible as knowledge moves from the short-term to long-term memory
 - = demonstrating that it's working and effective (a great **motivator**)



Closing any gaps....



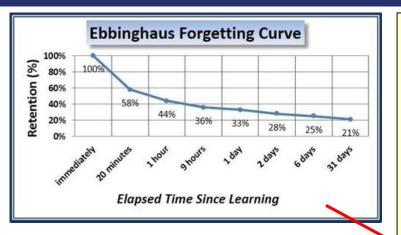
Students should be smart with their revision. Making sure it's **targeted and addresses gaps** in their learning or understanding.

- Students should ascertain these areas for 'development' from their teachers if they're unsure.
- These could be areas of knowledge or particular skills.
- Students can then use this information to focus their revision and help to 'close' their own gaps.





Space the learning & revision over time



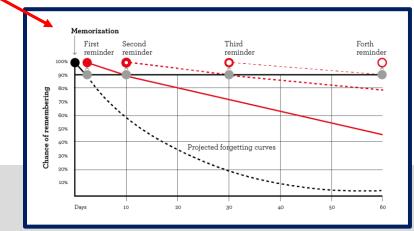
Comparatively - the possibility of retaining knowledge; if completed regularly and over time.

90% knowledge retention!

There's a significant difference....

What happens when you don't complete review activities & revision – regularly and overtime.

Cramming the night before **only** supports students to retain **30%** of what they learnt.







Riddlesdown Collegia:

Effective Revision Techniques

- → Know what to revise what are the key gaps?
- → Testing works (practice by **doing**)
- → Space the learning/review/revision
- → Use a variety of different revision techniques
- → Manipulate information don't just read or copy
- → Use class exercise books; they're the best source of information and material available
- → Revise with others; <u>teaching</u> someone else helps to retain more information it's scientifically proven





GCSE Exam Boards



- Computer Science
- DT
- Dance
- English Language & Literature
- PE
- MFL (French & Spanish)
- Business Studies



- RE
- Media Studies



- Art
- Drama
- History
- Health & Social Care
- Maths & Further Maths
- Music
- Science (triple & combined)
- Geography



- Economics
- Latin & Classics





Supporting your child through their GCSEs

The Role of Parents and Carers

An EEF-commissioned study suggests that parental engagement in students' learning can increase progress by up to three months in a year (Axford et al., 2019).

However, parental expertise in a subject area was not found to have an effect. This means you do not need to know all the answers!





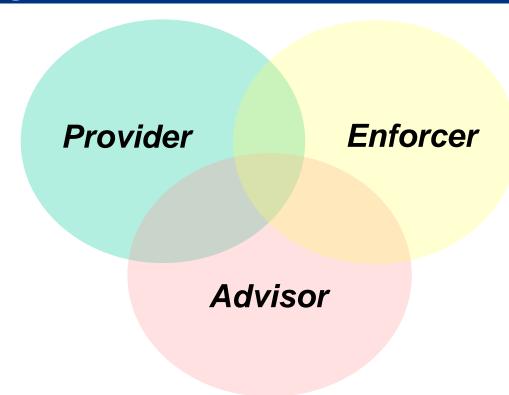
New Challenges

- Being more self-motivated and taking more responsibility for their own learning
- Asking when they do not understand.
- Developing their abilities to overcome frustrations and strategies for persisting when they are learning material that they find challenging.
- Organising themselves, notes, handouts and information for different subjects, and different topics within these.
- Completing more work at home, independently.
- Understanding the exam structure and the relative importance of each piece of work to their final grade.
- Planning and carrying out their revision.
- Developing their 'exam technique'.





Supporting Roles







Supporting Roles

Provider

- Provider of the tools for homework and revision a quiet space, a 'workbox' of pens, paper and other necessities.
- Getting copies of old exam papers, searching for useful websites, finding out about the subject, exam structures and content.

Enforcer

- Making sure your child gets to college and lessons on time and understands the importance of making the most of lessontimes.
- Agreeing the rules for homework or revision, helping them to make a realistic timetable, balancing work against the 'fun stuff' and revising the plans as necessary.

Advisor

- Attending parents' evenings, asking questions and finding out how you can best help your child at home.
- Showing an interest in the subject, helping with homework (but not doing it for them), testing them when they ask you etc.
- Helping your child to break tasks down so that they are manageable, keeping an eye on progress and celebrating achievements.
- Reminding your child of the importance and worth of all this hard work.



