



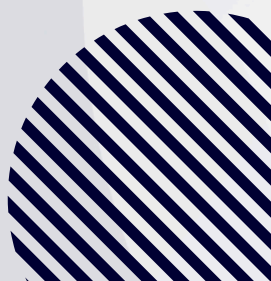
FALMOUTH
SCHOOL



YEAR 10

PPE GUIDANCE BOOKLET

2025



Purpose of PPEs

So far this academic year, Year 10 students have focused on building the knowledge, skills and understanding needed for each of their GCSE or vocational courses. While there is still more content to cover, now is the right time to introduce a formal exam experience based on what they have learned so far.

These Year 10 exams are designed to help students prepare for the trial exams in Year 11, which take place in the autumn and spring terms. The results will also provide an assessment grade to give you a clear picture of your child's current level of attainment.

Just as importantly, this exam period is an opportunity for students to strengthen their revision techniques. This booklet offers guidance on what to revise and how to revise it effectively.

We encourage all students to make full use of our online learning platforms, which are available to support revision and consolidate learning throughout the year. These include:

- Sparx Maths
- Seneca Learning
- Tassomai English
- Tassomai Science

These tools are an excellent way for students to practise key skills, revisit challenging topics and build confidence ahead of their exams.



Sparx

Revise
by Seneca

 **TASSOMAI**

1

English Language

AQA

What Will Be Covered in the Year 10 English Paper?

Paper 1: English Language (1 hour 45 minutes)

This paper assesses reading and writing skills. Students will need to analyse an unseen text and produce a piece of creative writing. While much of the content is unseen, preparation and practice will make a significant difference to confidence and performance.

How Can Parents and Carers Help?

- Encourage regular reading. There's no substitute for reading widely and often. The best preparation for English Language is simply to read – novels, news articles, biographies, anything with rich vocabulary and interesting ideas. Talk to your child about what they're reading: What are the key messages? Which words or phrases stood out, and why?
- Practise past papers. Teachers can provide past exam questions. Encourage your child to practise under timed conditions, paying attention to the structure and timing of each question.
- Check Google Classroom. Teachers will share helpful revision resources and links to trusted websites via Google Classroom. Encourage your child to make the most of what's available there.



Effective Revision Techniques for English Language

To revise well, students need to engage in activities that challenge them to think hard and recall information from memory. The following methods are especially effective for English:

Flashcards

Keep flashcards simple and focused. Each card should contain one key word, concept, or quotation with a short definition or explanation. Students should use them to test their memory, separating the ones they get right from the ones they don't. They can then revisit the ones they struggled with until they've remembered them all. Flashcards are particularly useful for learning quotations and linking them to themes or characters.

Revision Wheels

Choose a word – for example, a theme like 'power' or an emotion like 'jealousy' – and brainstorm everything linked to it. Students should think about connotations, associations, and any imagery connected to the word. They can create wheels for different word types, such as adjectives, verbs, or key literary terms.

Class Booklet

Students have a revision booklet that is being used in lessons. This outlines what each exam question involves. They should use it to make sure they fully understand each task and go back to their teacher with any areas they are unsure about. It's important not to leave any gaps in understanding.

SNAP Revision Guides

These guides are designed to be student-friendly. Students should read the content, reduce it into simple bullet points, and then test themselves to see what they can remember. After this, they should have a go at the practice questions in the guide. Answers are included at the back so they can self-mark and improve. If they're unsure how to improve their responses, they can ask their English teacher for guidance.

English Literature

AQA

What Will Be Covered in the Year 10 English Paper?

Paper 2 – Full Paper (2 hours 15 minutes)

This exam will cover the following texts:

- An Inspector Calls
- Power and Conflict Poetry
- Unseen Poetry

Students will be expected to demonstrate their understanding of characters, themes, context, and language across all three components. For An Inspector Calls and the poetry section, students must be able to recall quotations, analyse their meaning, and link them to the social or historical context of the time.

How Can Parents and Carers Help?

- Ensure your child knows the plot. If they're unsure about any part of a text, they should re-read it. Having a strong grasp of the story and characters is essential.
- Help them plan exam responses. Time them as they plan an essay: Can they list 6–8 points they would include? Do they have a quotation to support each point? Can they explain how the ideas link to the context of the text?
- Support with weaker areas. If your child struggles to plan essays or annotate extracts, encourage them to focus their revision there. These are crucial skills for success.
- Test them on quotations. Use flashcards to test their knowledge of key quotations and ask them to explain what the quotation means and why it is important.
- Read the texts and poems yourself. If possible, familiarise yourself with the key texts so you can talk to your child about them. Even informal discussions can help consolidate their learning.
- Use old classwork. Encourage your child to revisit old exercise books or booklets, taking notes on important points they may have forgotten or misunderstood.



Effective Revision Techniques for English Literature

Flashcards

Keep flashcards clear and focused – each should contain a quotation, character name, or key theme, with a brief explanation. Use them regularly to test memory and understanding. Go back over any cards they struggle to recall until they are secure.

Revision Wheels

Choose a character or theme and write one quotation or key idea at each point around a clock face. Then practise putting these in a logical order to form the structure of a potential essay.

Revision Guides

We have revision guides available to borrow. Students should read a section, summarise it into bullet points, and test themselves to see what they've remembered. Afterwards, they can complete practice questions from the guide and self-mark using the answers provided. If they're unsure how to improve, they can bring their responses to their English teacher for feedback.

Maths

AQA

Exam Structure:

- Paper 1 – Non-calculator (90 minutes)
- Paper 2 – Calculator (90 minutes)

What Will Be Covered in the Year 10 Exams?

These exams will test a range of topics covered so far in the GCSE course. Your child's teacher will guide them through the key areas to revise. The aim is to assess what they know, highlight areas that need more practice, and help them prepare for Year 10 PPE exams. Encourage your child to use the QLA (Question Level Analysis) sheets from their assessments. These show exactly which topics they need to focus on. Working smart, not just hard, will help them use revision time effectively.

Useful Revision Resources

Students should use a range of online resources to revise and consolidate their knowledge:

- [Corbett Maths](#) – Excellent videos, worksheets, and "5-a-day" practice.
- [Sparx Maths](#) – Our school's online platform for structured revision. Use the Independent Learning section to target specific topics.
- [BBC Bitesize GCSE Maths](#) – Easy-to-follow explanations and practice questions.

Students can also find revision lists, topic guidance, and support materials posted on their Maths Google Classrooms.

How Can Parents and Carers Help?

- Ask your child to show you their QLA and explain which topics they're focusing on.
- Encourage short, regular revision sessions – 20 to 30 minutes at a time, several times a week.
- Emphasise that the best way to revise for Maths is to practise doing Maths: answering questions, checking answers, and reviewing mistakes.
- Support them in creating a revision schedule that spreads topics out over time and revisits older material too.
- Remind them to ask their teacher for help if they're stuck.
- Revision shouldn't feel overwhelming – we're here to support them.

Effective Revision Techniques for Maths

Corbett Maths Videos

Your child can search for a specific topic on Corbett Maths, watch the video, and complete the related questions. They should then mark their answers and identify any areas they found tricky.

Sparx Independent Learning

Students can log into Sparx, go to the Independent Learning section, and search for a topic from their revision list or QLA. Watching a video and answering the practice questions will help reinforce key skills.

General Maths Revision Tips

The key to success in Maths is regular practice. Revision should involve solving problems, not just watching videos or reading notes. Little and often is best, and it's important to revisit topics more than once to strengthen memory.

Mathematics Assessment Feedback			
Paper	AGA June 2022 Paper 3F		
Name	[REDACTED]		
Teacher	[REDACTED]		
Questions	Topic	Score	Sparx Code
1a	Multiplying and dividing with place value	1 / 1	U275
1b	Adding and subtracting with negative numbers	1 / 1	U242
2a	Multiplying and dividing with negative numbers	0 / 1	U248
2b	Using algebraic notation	0 / 1	U413
3	Estimating calculations	0 / 1	U225
4	Mixed problems: Finding the area and perimeter of simple shapes	0 / 1	U393
5	Simplify basic diagrams	2 / 2	U204
6a	Understanding and ordering integers	2 / 2	U400
6b	Using the correct order of operations	2 / 2	U476
7	Solving direct proportion word problems	4 / 4	U221
8a	Choosing suitable strategies and solving problems	0 / 2	U217
8b	Choosing suitable strategies and solving problems	1 / 1	U217
9	Finding percentages of amounts, numbers as percentages of other numbers	2 / 4	U404, U425
10a	Converting units of length, mass and capacity, Simplifying fractions	0 / 2	U388, U444
10b	Angles in triangles, Solving simultaneous equations using substitution	1 / 3	U408, U297
11a	Adding and subtracting decimals	0 / 2	U478
11b	Using a written method to multiply decimals	0 / 3	U280
12	Adding and subtracting fractions	0 / 2	U236
13a	Term-to-term rules	0 / 3	U213
13b	Term-to-term rules	0 / 3	U213
14	Translation	1 / 2	U246
15	Probabilities of mutually exclusive events	0 / 4	U483
16	Plotting straight line graphs, Solving simultaneous equations graphically	0 / 3	U241, U434
17	Identifying parts of circles	1 / 1	U287
18	Standard form with positive indices, Multiply & divide numbers in standard form	0 / 2	U202, U284
19a	Index rules with positive indices	0 / 2	U215
19b	Index rules with positive indices	0 / 2	U215
20	Venn diagrams	1 / 2	U476
21	Graphs of cubic functions	0 / 1	U480
22	Finding equations of linear real-life graphs, Writing and simplifying ratios	0 / 3	U482, U487
23a	Multiplying fractions	0 / 1	U475
23b	Using a written method to multiply decimals	0 / 1	U280
24	Constructing loci	0 / 3	U420
25	Finding the area of circles, Finding fractions of amounts	0 / 4	U450, U481
26	Solving equations with two or more steps	0 / 2	U215
27	Calculating with density	1 / 1	U410
28	Calculating with ratios and algebra	1 / 1	U476
Total		20 / 30	

Science: Combined or Triple

AQA

Exam Structure:

All students will sit three separate science exams: one each for Biology, Chemistry, and Physics.

- Combined Science: Three papers – each 1 hour 15 minutes.
- Triple Science: Three papers – each 1 hour 45 minutes.

These exams assess topics covered so far in Year 10. Teachers will confirm exactly what content will be included for each paper, but a summary of core topics is below.

- Biology – Focus on cells, body systems, and energy in living organisms (photosynthesis and respiration).
- Chemistry – Key topics include atoms and the periodic table, types of bonding and properties, and how substances change in reactions.
- Physics – Study energy transfers, circuits and electricity, and the structure of atoms including radiation.

A Physics equations sheet is also available and shows all the equations pupils need to know — students should use this as part of their revision.

How Can Students Prepare?

- Use the Year 10 Google Classroom Revision Hub (class code: bzuhbdc) to access revision videos, past papers, and useful links.
- Topic lists and video links have been uploaded to Google Classroom. Each topic is broken down into smaller chunks to make it easier to revise.
- Review exercise books and practical work, paying particular attention to the required practicals — these are assessed in the exams.
- Focus e-Learning offers online simulations for the required practicals in Biology, Chemistry and Physics — a great way to revise these.

Effective Revision Techniques for Science

Revision must make you think hard and actively recall knowledge. These techniques work particularly well in Science:

- Watch topic-based videos, then test yourself without notes. Use Google Classroom, Cognito, or BBC Bitesize for structured videos.
- Create flashcards for key terms, processes, and equations. Use them regularly to practise retrieval.
- Practise exam questions, then mark them using official mark schemes. Improve your answers by identifying gaps.
- Quiz yourself using Tassomai or Seneca, both of which adapt to your strengths and weaknesses.

Free Online Revision Resources

Students are encouraged to use the following websites regularly:

- [Cognito Learning](#) – video explanations, practice questions, and past papers.
- [Tassomai](#) – daily quizzes tailored to your progress; available as an app.
- [AQA Science](#) – specification content and past papers.
- [BBC Bitesize Science](#) – topic guides, quizzes, and videos.
- Seneca Learning – interactive lessons and revision tracking.

How Can Parents and Carers Help?

- Ask your child to explain a topic to you – if they can teach it, they understand it!
- Encourage them to use Google Classroom to stay organised and work through the videos and topic lists.
- Help them plan revision sessions, making sure they're covering all three sciences across the week.
- Test them using flashcards or Tassomai quizzes.
- Support their use of online resources and encourage short, focused revision sessions (20–30 minutes).

History

Edexcel

Exam Structure:

Paper 1: Crime and Punishment with Whitechapel

Duration: 80 minutes

What will be covered:

This paper covers key developments in crime, law enforcement, and punishment across four historical periods: Medieval, Early Modern, Industrial, and Modern Britain. Students will explore how crime and punishment changed over time, as well as the social and political context. The Whitechapel section focuses on crime in late 19th-century London, including the Jack the Ripper case and the challenges faced by police at the time.

Links to revision resources:

- [BBC Bitesize – Crime and Punishment](#)
- [BBC Bitesize – Whitechapel](#)
- [Seneca Learning](#)

How to revise effectively:

Teachers have assigned specific Seneca modules tailored to this exam, which include quizzes on key content and exam-style questions complete with instant feedback—an excellent way to consolidate knowledge and build exam skills.

Creating flashcards is a powerful revision tool: keep each card focused on a single term, person, event, or concept with a clear, concise definition or explanation. Test yourself regularly, sorting cards into 'known' and 'need to review' piles and repeating until you know them all confidently.

All students have a revision guide for this course. Start by reading through one topic carefully, highlighting 10–15 key facts or terms. Then, use these to build a mind map that breaks the topic down into 3–4 subtopics, each with several supporting facts. This visual summary helps organise knowledge clearly. After creating your mind map, try explaining the topic out loud without looking at your notes — this helps move information into your long-term memory and improves your ability to recall it under exam conditions.

Finally, encourage your child to practice writing answers under timed conditions using past exam questions, focusing on structuring their essays with clear points, evidence, and explanations, and linking ideas to historical context. This will prepare them well for the demands of the actual exam.

Geography

AQA

Exam Structure:

The Year 10 paper covers parts of Paper 1 and Paper 2, focusing on "Living with the Physical Environment" and "Challenges of the Human Environment." The exam lasts 60 minutes. Topics include: Living World (hot deserts), River and Coastal landscapes, Urban Issues and Challenges (Bristol and Freiburg).

Useful revision links:

- [Internet Geography](#)
- [BBC Bitesize](#)
- [Seneca Learning](#)

How parents and carers can help:

- Encourage your child to use their textbook, booklets, revision booklets, and knowledge organisers to become familiar with key facts and ideas. Test them regularly on key terms and definitions to build confidence. Suggest they use YouTube videos to better understand river and coastal processes, as visual explanations can make tricky concepts clearer.
- Remind them to complete practice questions and hand these in to their teachers for marking and helpful feedback. Support their use of Seneca Learning to reinforce knowledge and understanding with quizzes and explanations.

Effective revision techniques:

Flashcards work well when they focus on just one word, concept, or question per card. Test yourself regularly, separating cards into piles of what you know and what you need to revisit. Repeat this process until all cards are mastered, and then review frequently to keep the knowledge fresh.

Revision clocks are a great way to organise topics visually. Fill in sections from memory first, then go back with your textbook or exercise book to add more details. Spend a timed period on each section (e.g., two to five minutes). These clocks are available on Google Classroom.

Case study mats help by gathering all information about a specific case study in one place, making it easier to revise those important examples. These can also be found on Google Classroom.

Encourage wider reading with the additional resources and case study materials posted on Google Classroom. All lesson slides covered so far this year are also available there and can support independent revision and completing revision clocks or flashcards.

Catering

WJEC

Exam Structure:

The Year 10 exam is an 80-minute written paper focusing on Unit 1 – The Hospitality and Catering Industry. This unit covers key areas such as the different sectors within the industry, job roles, customer service, food safety, and health and safety regulations. Understanding these topics will be essential for success.

Revision resources:

- [WJEC Unit 1 Specification](#) – This official specification outlines everything you need to know for the exam.
- [WJEC Catering Resources 1](#) – Helpful teaching materials and practice questions.
- [WJEC Catering Resources 2](#) – Additional revision guides and activities.
- [BBC Bitesize Catering](#) – Clear, concise videos and notes breaking down key topics into manageable chunks.

How can parents/carers help?

- Encourage your child to use the knowledge organiser from the exam board's website to plan and organise their revision.
- Support them in making their own Q-cards with questions and answers, which is a great way to test understanding and recall.
- Discuss the topics with them, even if you're not an expert—it helps reinforce learning and builds confidence.

Effective revision strategies:

- **Chunking:** Break study sessions into focused 30-minute blocks with 15-minute breaks in between to avoid fatigue and improve retention.
- **Active recall:** Use Q-cards or quiz apps to actively test knowledge rather than just reading notes.
- **Spaced repetition:** Revisit topics regularly over days and weeks to move knowledge from short-term to long-term memory.
- **Use multiple resources:** Encourage watching BBC Bitesize videos and using the exam board materials to get a well-rounded understanding.
- **Practice questions:** Completing past papers or exam-style questions will help improve exam technique and timing.

By adopting these strategies, students can build a strong understanding of the Hospitality and Catering Industry and feel confident for their Unit 1 exam.

Design & Technology

AQA




Exam Structure:

The exam is 2 hours long and split into three sections:

- Section A: Core Technical Principles (20 marks)
- Section B: Specialist Technical Principles (30 marks)
- Section C: Designing and Making Principles (50 marks)

Note: At least 15% of the exam questions will assess maths skills, and at least 10% will assess science knowledge.

Topics covered so far include Health & Safety, Wood turning, Scales of Production, Ergonomics & Anthropometrics, Orthographic Projections, and One-Point Perspective. Although we have mainly covered parts of Sections B and C, you should attempt questions from all sections.

Revision Activity	How should you do this, to ensure it is effective?
Google Classroom '10S/Dt1' 	All the lesson slides that we have covered across Y10 (so far) are on Google Classroom for you to use. The topics are split up into sections B and C. The topics covered in NEA practice are also relevant for Section C.
Maths Homework booklet 	You have been given a Maths Homework booklet to help you revise maths topics that may appear in your exam. 1) Read through the Powerpoint linked on Google Classroom to recap your knowledge on the topic. There are questions for you to try with answers included in each presentation. 2) Answer the questions in your homework booklet 3) Use a different colour pen to mark your answers using the answer document.
CPG Revision Guide and Exam Practice Workbooks 	We have ordered these two revision books in bulk to save you on costs. You can pay via parent pay or email your child's teacher if you wish to borrow them jwarden@falmouthschool.net . Reading is essential to give you a broader understanding of the topics. The topics are clearly titled at the top of each page and they correlate across the two books. You can read about each topic in the blue books, making notes or flashcards. After doing so, there are exam questions to answer in the white book.

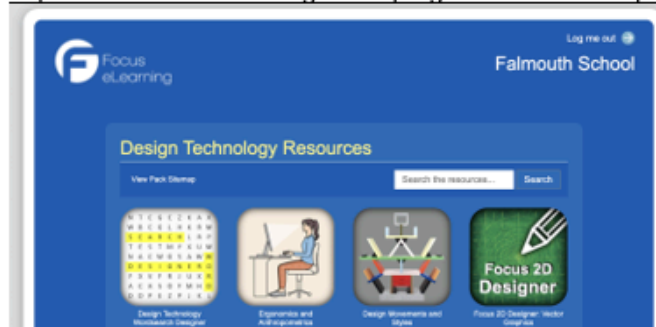
Effective Revision Techniques for DT

VLE



Username:
student@falmouthschool36860
Password: thjbs5jp7

This is a very useful website to help you revisit and revise topics. Mind Maps are a good way to organise your knowledge. Revision is broken down into the key sections to help guide you. There is also a section on the VLE for creating MindMaps.
<https://www.focuslearning.co.uk/programmes/mindmap/app/>



Technology Student



Review of topics and revision worksheets that you can download. You can also download revision cards for different topics.



BBC Bitesize



This section of BBC Bitesize is relevant for your course. There are descriptions, videos and short tests for each topic in the specification.

Designing and making principles



Investigating - AQA

During the designing and making processes it is important to gather feedback from the client and users. Refining the product based on this feedback helps solve any problems before production begins.



Designing - AQA

Designers use many techniques to create products and solve problems. Design and development involve creating working drawings and parts lists to enable a third party to manufacture the design.



Making - AQA

Manufacturers need to consider the form, function and cost of designs before production. Designers need to consider safety, availability of materials and minimising waste, while maintaining quality.



Evaluating - AQA

Evaluating ideas, models and feedback is an ongoing process, utilised in continuing to adapt and improve products to make them more useful, appealing and profitable.

Engineering

WJEC

Exam Structure:

Written exam: 90 minutes.

Revision Resources:

- VLE: <https://focuselearning.co.uk> (Contact Mr French for password reminder)

Key Topics & Useful Links:

Materials Knowledge

- Aluminium, Stainless Steel, Mild Steel – metals and their properties
- Rollercoaster materials & construction: [How rollercoasters are made](#) (see VLE)

Process Knowledge

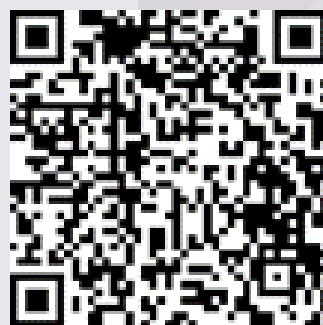
- Cutting a thread – [Learn to use a Tap & Die](#) (see VLE)
- Types of callipers – [Types of calliper](#) (see VLE)
- Types of fixings: Permanent & Temporary – [Types of Fasteners](#) (see VLE)
- Safety precautions using hand tools – [Hand tool safety](#)
- Using a Milling Machine – [How to use a Milling Machine](#)
- Health & Safety on engineering machines – [Machine Safety Standards Guide](#) (see VLE)

Measuring & Drawing

- Types of measuring tools – [See VLE resources]
- Drawing in 3rd Angle Orthographic – [Orthographic Drawing – Simplified](#) (see VLE)

Maths in Engineering

- Calculating volume of products:
 - [Volume of a Cylinder](#)
 - [Volume of a Cube](#)



Drama

AQA

Exam Structure:

Component 1 – Understanding Drama (Partial, 45 minutes)

Revision Resources:

- BBC Bitesize AQA GCSE Drama Revision: bbc.co.uk/bitesize/examspecs/zrnjwty
- AQA GCSE Drama Past Question Papers and Assessment Resources: aqa.org.uk/subjects/drama/gcse/drama-8261/assessment-resources

Topics Covered:

- Section A: Theatre Roles and Terminology – Understand key drama terms and the roles of those involved in theatre production (actors, directors, designers, etc.).
- Section B: Study of a Set Play – Focus on The Crucible by Arthur Miller. Be familiar with the plot, characters, themes, and dramatic techniques used in the play.

Revision Tips:

- Use the BBC Bitesize videos and quizzes to reinforce key concepts and terminology.
- Practice past exam questions to get familiar with the style and timing of the paper.
- Summarise the set play's main ideas and characters in your own words, then test yourself or a friend.
- Focus on understanding how theatrical elements create meaning and impact in performance.



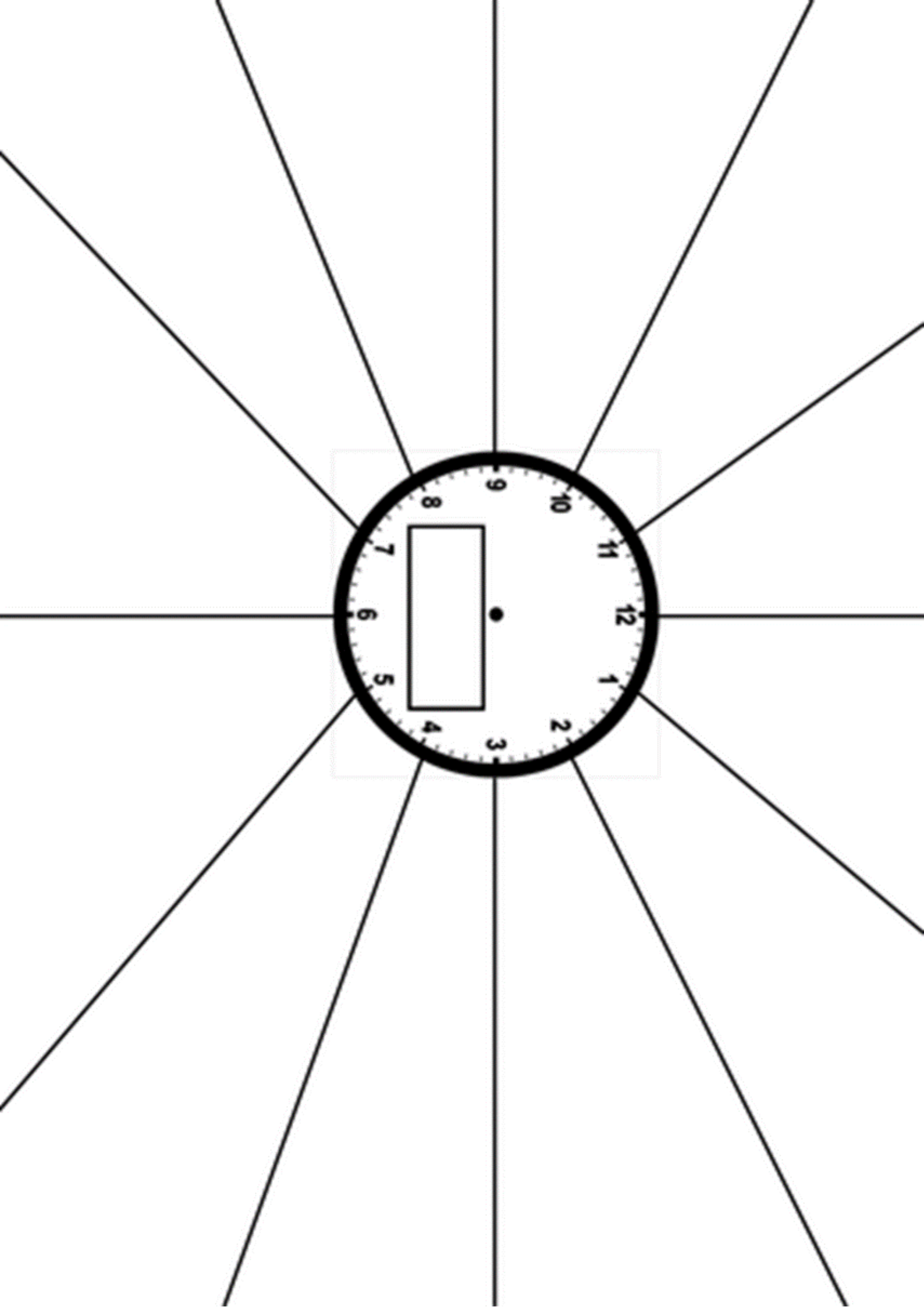
Revision Resources

The following pages include useful revision resources. You're welcome to print and use them as they are, or adapt them to suit your needs. The include:

- A Revision 'clock'
- Sample weekly revision planner
- Sample revision timetable
- Sample mind map template



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WEEKLY REVISION PLANNER

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TIME	SATURDAY	SUNDAY
8:30AM – 4PM	SCHOOL	SCHOOL	SCHOOL	SCHOOL	SCHOOL	9AM – 10AM	BREAKFAST/ SHOWER	BREAKFAST/ SHOWER
4PM – 5PM	HOMEWORK	TV/ GAMING/ SOCIAL MEDIA	HOMEWORK	TV/ GAMING/ SOCIAL MEDIA	HOMEWORK	10AM – 11AM	REVISION – ENGLISH	REVISION – SCIENCE
5PM – 6PM	DINNER	DINNER	DINNER	DINNER	DINNER	11AM – 1PM	SEEING FRIENDS/ LUNCH	SPORT/ LUNCH
6PM – 7PM	REVISION – GEOGRAPHY	HOMEWORK	REVISION – HISTORY	REVISION – FRENCH	REVISION – SCIENCE	1PM – 3PM	REVISION – MATHS	REVISION – FLASH CARDS
7PM – 8PM	REVISION – MATHS	REVISION – ENGLISH	FREE TIME	HOMEWORK	FREE TIME	3PM – 5PM	OUT WITH FAMILY	SPORT/ TV/ GAMING
8PM – 9PM	FREE TIME/ SHOWER	FREE TIME/ SHOWER	FREE TIME/ SHOWER	FREE TIME/ SHOWER	FREE TIME/ SHOWER	6PM – 8PM	DINNER/ FREE TIME	DINNER/ FREE TIME

Week beginning

Revision Timetable

Time/Date	MON	TUES	WEDS	THURS	FRI	SAT	SUN
7am							
8am							
9am							
10am							
11am							
12 noon							
1pm							
2pm							
3pm							
4pm							
5pm							
6pm							
7pm							
8pm							

