



Y9 Independent Learning Task

Subject:	Mathematics			
ILT #4	Revision Clock			
Week set:				
Duration:	Approximately 1 to 1 ½ hours			
Hand in:				
Instructions :	Choose a topic from Modules 5–8 and create a Revision Clock showing how you will revise it over the next 1–2 weeks. Draw a clock face with at least 12 time slots. In each slot, record what you will revise, how you will revise it and when you will complete it. Include a variety of topics, question types and revision methods, such as practice questions, flashcards, explaining ideas and checking mistakes. Allow time for practice, self-testing and reviewing earlier learning. Use colours or symbols to make your plan clear. Follow your Revision Clock, tick off completed sessions and reflect on which methods helped you remember and understand the mathematics.			
Skills:	This task develops students' ability to: • Identify and prioritise key knowledge from Modules 5–8. • Plan a realistic sequence of revision sessions over 1–2 weeks. • Use spaced and varied practice to revisit mathematical ideas. • Select appropriate revision methods for different topics. • Include opportunities for independent recall and practice questions. • Monitor progress, check answers and learn from mistakes. • Reflect on the effectiveness of revision strategies. • Manage time and take responsibility for independent learning.			
Marking schema:		Developing	Proficient	Advanced
	Assessment Area	Emerging	Secure	Excelling
	Mathematical Understanding	Identifies some relevant topics or skills, but the revision plan may omit important knowledge or contain inaccuracies.	Identifies appropriate knowledge from the chosen module and plans revision that covers its key mathematical skills accurately.	Prioritises and connects key mathematical ideas thoughtfully, including opportunities to revisit difficult concepts and address misconceptions.
	Application of Mathematics	Includes some revision activities, but methods may be repetitive or poorly matched to the mathematics.	Selects suitable methods, including mathematical practice and self-testing, and applies them to a varied, workable revision plan.	Matches a broad range of revision methods to specific mathematical needs and uses practice, checking and review to refine the plan.
	Thinking &	Produces a clock with some labelled slots, but	Presents a clear, organised clock with at least 12	Creates an exceptionally clear and purposeful schedule, explaining

	Communi cation	the sequence or instructions may be unclear.	slots showing what, how and when to revise, using appropriate mathematical vocabulary.	choices and communicating a balanced sequence of revision and review.
	Habits of Independent Learning	Creates a basic plan but needs support to organise or follow it; tracking and reflection are limited.	Works independently, follows and tracks the plan, and reflects on which revision methods were effective.	Shows initiative by adjusting the schedule in response to progress, using feedback and reflection to improve future revision.
	Stretch & Challenge	Completes the core Revision Clock with at least 12 revision slots.	Completes one or more Level Up Challenges, such as a 24-hour clock or four different revision methods.	Extends the task through a sustained two-week plan, meaningful mini-goals, comparison of revision approaches or a useful digital version.
Additional guidance or help:	Choose one topic from Modules 5–8: • Module 5 – Measures: length, mass, capacity, time, converting units, perimeter, area and volume. • Module 6 – Algebraic Manipulation: expanding brackets, factorising, simplifying, substitution and collecting like terms. • Module 7 – Equivalence: equivalent fractions, decimals and percentages, calculations with fractions. • Module 8 – Properties of Shapes, Symmetry and Nets: 2D and 3D properties, lines of symmetry, rotational symmetry and nets. To build your clock: 1. Draw a clock face with at least 12 time slots. 2. Label each slot with a topic, a revision method and a time or date. 3. Mix topics and methods rather than repeating the same activity. 4. Schedule practice, self-testing and review; check your answers. 5. Tick completed slots and note what worked or needs more attention. For an extra challenge: • Create a 24-hour Revision Clock. • Use four or more revision methods (e.g. questions, notes, flashcards and teaching). • Add measurable mini-goals for each day. • Invite a friend to follow the clock and compare what worked. • Create a digital version and test your plan over the full two weeks.			