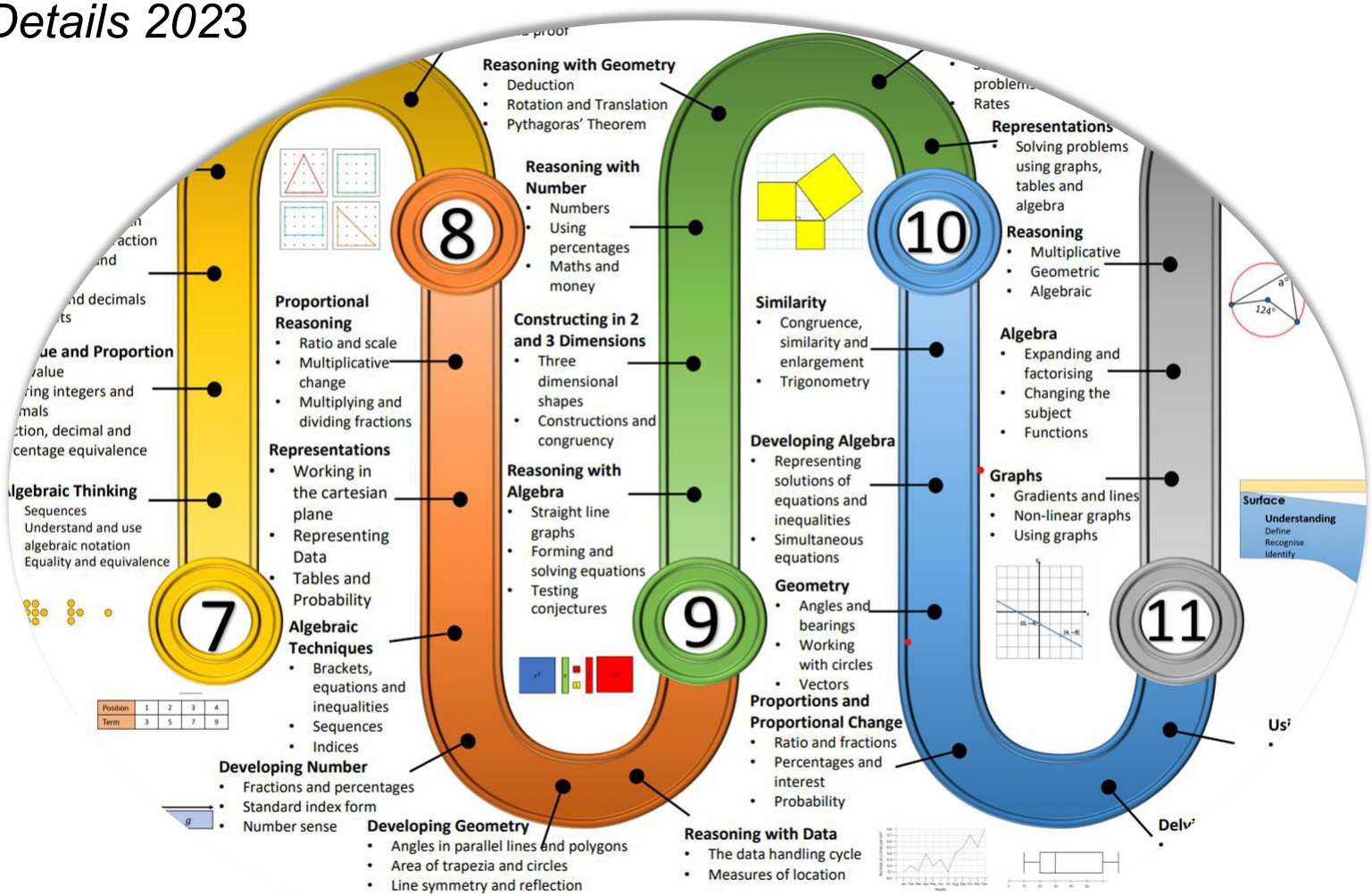
YEAR 9 OPTIONS EVENING

GCSE Mathematics

Course Details 2023



YEAR 9 OPTIONS EVENING

GCSE Mathematics

February 2021

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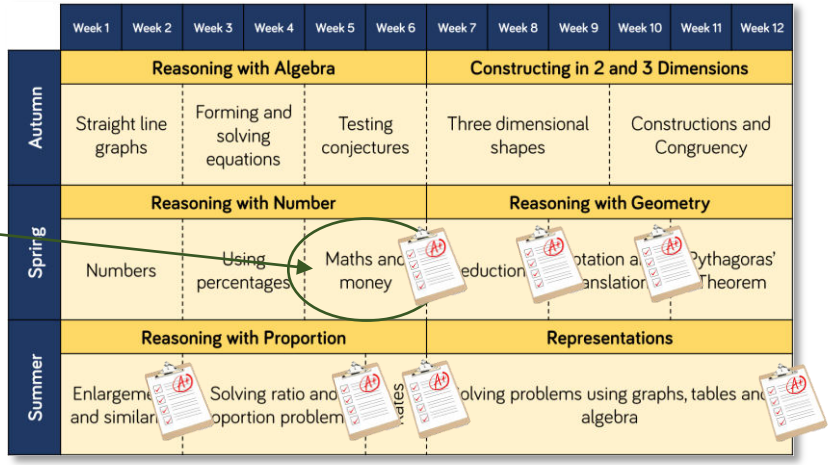
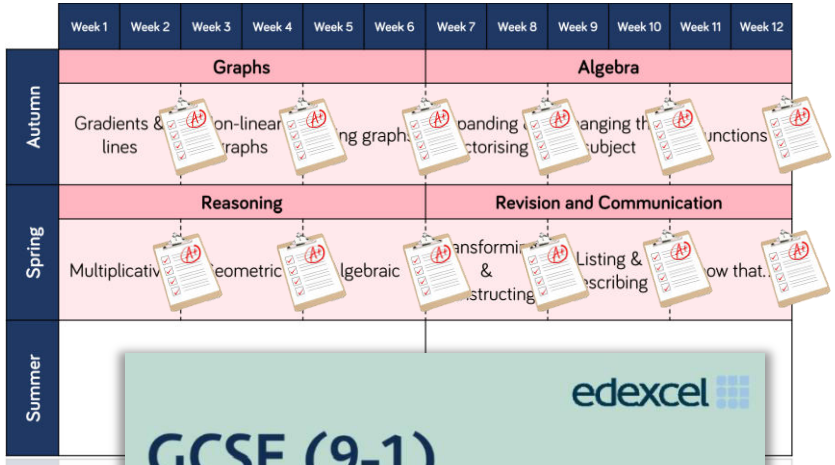


Year 10 Scheme

Year 11 Scheme



YEAR 9 OPTIONS EVENING

GCSE Mathematics

edexcel

GCSE (9-1) Mathematics

Pearson Edexcel Level 1/Level 2 GCSE (9–1) in Mathematics

- The assessments will cover the following content headings:
  1. Number
  2. Algebra
  3. Ratio, proportion and rates of change
  4. Geometry and measures
  5. Probability
  6. Statistics
- Two tiers are available: Foundation and Higher (content is defined for each tier).
- Each student is permitted to take assessments in either the Foundation tier or Higher tier.
- The qualification consists of three equally-weighted written examination papers at either Foundation tier or Higher tier.
- All three papers must be at the same tier of entry and must be completed in the same assessment series.
- Paper 1 is a non-calculator assessment and a calculator is allowed for Paper 2 and Paper 3.
- Each paper is 1 hour and 30 minutes long.
- Each paper has 80 marks.
- The content outlined for each tier will be assessed across all three papers.
- Each paper will cover all Assessment Objectives, in the percentages outlined for each tier. (See the section *Breakdown of Assessment Objectives* for more information.)
- Each paper has a range of question types; some questions will be set in both mathematical and non-mathematical contexts.
- See *Appendix 3* for a list of formulae that can be provided in the examination (as part of the relevant question).
- Two assessment series available per year: May/June and November*.
- First assessment series: May/June 2017.
- The qualification will be graded and certificated on a nine-grade scale from 9 to 1 using the total mark across all three papers where 9 is the highest grade. Individual papers are not graded.
- Foundation tier: grades 1 to 5.
- Higher tier: grades 4 to 9 (grade 3 allowed).

Foundation tier: grades 1 to 5.

Higher tier: grades 4 to 9

YEAR 9 OPTIONS EVENING

GCSE Mathematics

All students will follow the same scheme of learning.

Students entered for the **Higher Tier** will be taught extra content in their lessons.

Year 10 Scheme

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Similarity						Developing Algebra					
	Congruence, similarity and enlargement			Trigonometry			Representing solutions of equations and inequalities			Simultaneous equations		
Spring	Geometry						Proportions and Proportional Change					
	Angles & bearings		Working with circles		Vectors		Ratios & fractions		Percentages and Interest		Probability	
Summer	Delving into data						Using number					
	Collecting, representing and interpreting data						Non-calculator methods		Types of number and sequences		Indices and Roots	

Year 11 Scheme

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Graphs						Algebra					
	Gradients & lines		Non-linear graphs		Using graphs		Expanding & Factorising		Changing the subject		Functions	
Spring	Reasoning						Revision and Communication					
	Multiplicative		Geometric		Algebraic		Transforming & Constructing		Listing & describing		Show that...	
Summer	Revision						Examinations					

YEAR 9 OPTIONS EVENING

GCSE Mathematics

edexcel

GCSE (9-1) Mathematics

...three equally-weighted written examination papers

Each paper is 1 hour and 30 minutes long.

Each paper has 80 marks.

Paper 1 is a non-calculator assessment...

Pearson Edexcel Level 1/Level 2 GCSE (9–1) in Mathematics

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YEAR 9 OPTIONS EVENING

GCSE Mathematics

1 Number

2 Algebra

3 Ratio, proportion and rates of change

4 Geometry and measures

5 Probability

6 Statistics

Pearson Edexcel Level 1/Level 2 GCSE (9–1) in Mathematics

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GCSE Mathematics

USEFUL Websites

MathsWatch

www.vle.mathswatch.co.uk

online videos/tasks

MathsBot

www.mathsbot.com

problem solving questions generator

MathsGenie

www.mathsgenie.co.uk

past paper bank w/ solutions & videos