

GCSE MATHEMATICS 9.1



Tiering

Foundation Tier – Grade 1 to Grade 5

Higher Tier – Grade 5 to Grade 9



3 Exam papers: 1 non-calculator and 2 calculator, each 1.5 hours long.

Maths Lessons

- Lessons will follow a similar format
 - Knowledge retrieval task: 'Do Now'
 - Modelling best techniques: 'I Do' / 'We Do'
 - Deliberate practice, including the use of past exam questions: 'You Do'
- Scheme of learning will be finished for all groups by the end of February
- From this point onwards teaching will focus on a continuous cycle of diagnosis, therapy and testing (DTT)

Diagnosis, Therapy, Testing

- Diagnosis
 - Teachers identify the topics that their classes, and individual pupils within their classes, are struggling with
- Therapy
 - Topics that the whole group are struggling with are retaught
 - Personalised homework tasks set on Hegarty Maths for topics that individual pupils are struggling with
- Testing
 - Future assessments check whether this new knowledge has been embedded

Use of Question Level Analysis (QLA)

Average Marks	100%	100%	100%	67%	100%	92%	42%	100%	92%	33%	100%	100%	25%	92%	92%	14
Mr McPherson	1	1	1	1	1	3	1	1	1	2	1	1	3	2	2	
11S2.5	Convert decimals to fractions	Comparing negative numbers	Factors of a number	Converting mass	Read & write positive integers	Money	Writing algebraic expressions	Simplifying expressions involving multiplication	Indices with algebraic expressions	Simplifying expressions involving division	Interpret a pictogram	Interpret a pictogram	Complete a pictogram	Compare positive and negative numbers		
Question:	1	2	3	4	5	6	7	8a	8b	8c	9ai	9aii	9b			
A	1	1	1	1	1	3	0	1	1	1	1	1	1	0		
B	1	1	1	1	1	3	0	1	1	1	1	1	1	0		
C	1	1	1	0	1	2	1	1	1	1	1	1	1	0		
D	1	1	1	0	1	3	0	1	1	0	1	1	1	0		
E	1	1	1	1	1	3	1	1	1	1	0	1	1	0		
F	1	1	1	0	1	2	1	1	1	0	1	1	1	0		
G	1	1	1	1	1	3	0	1	1	1	1	1	1	0		
H	1	1	1	1	1	3	0	1	0	0	1	1	1	0		

Questions	Score	Clip Number	Form	Standard form to ordinary	Fibonacci sequence	Fibonacci sequence	Multiplying vectors by scalars
1	1	1	1				
2	1	1	1				
3	1	1	1				
4	1	1	1				
5	1	1	1				
6	1	1	1				
7	1	1	1				
8a	1	1	1				
8b	1	1	1				
8c	1	1	1				
9ai	1	1	1				
9aii	1	1	1				
9b	1	1	1				
10	1	1	1				
11	1	1	1				
12a	1	1	1				
12b	1	1	1				
13	1	1	1				
14	1	1	1				
15	1	1	1				
16ai	1	1	1				
16aii	1	1	1				
16b	1	1	1				
16c	1	1	1				
17	1	1	1				
18	1	1	1				
19	1	1	1				
20a	1	1	1				
20b	1	1	1				
21	1	1	1				
22i	1	1	1				
22ii	1	1	1				
23	1	1	1				
24	1	1	1				
25	1	1	1				
26	1	1	1				
27a	1	1	1				
27b	1	1	1				
28a	1	1	1				
28b	1	1	1				
29	1	1	1				
Total	43	43	43				



- All pupils have a Hegarty Maths account
- After each assessment pupils will be given feedback on the topics that they need to improve and which tasks on Hegarty Maths they should complete in order to make these improvements
- Pupils will be given their first feedback sheet in the next week so that they can start completing some of these tasks during half-term

TASSOMAI

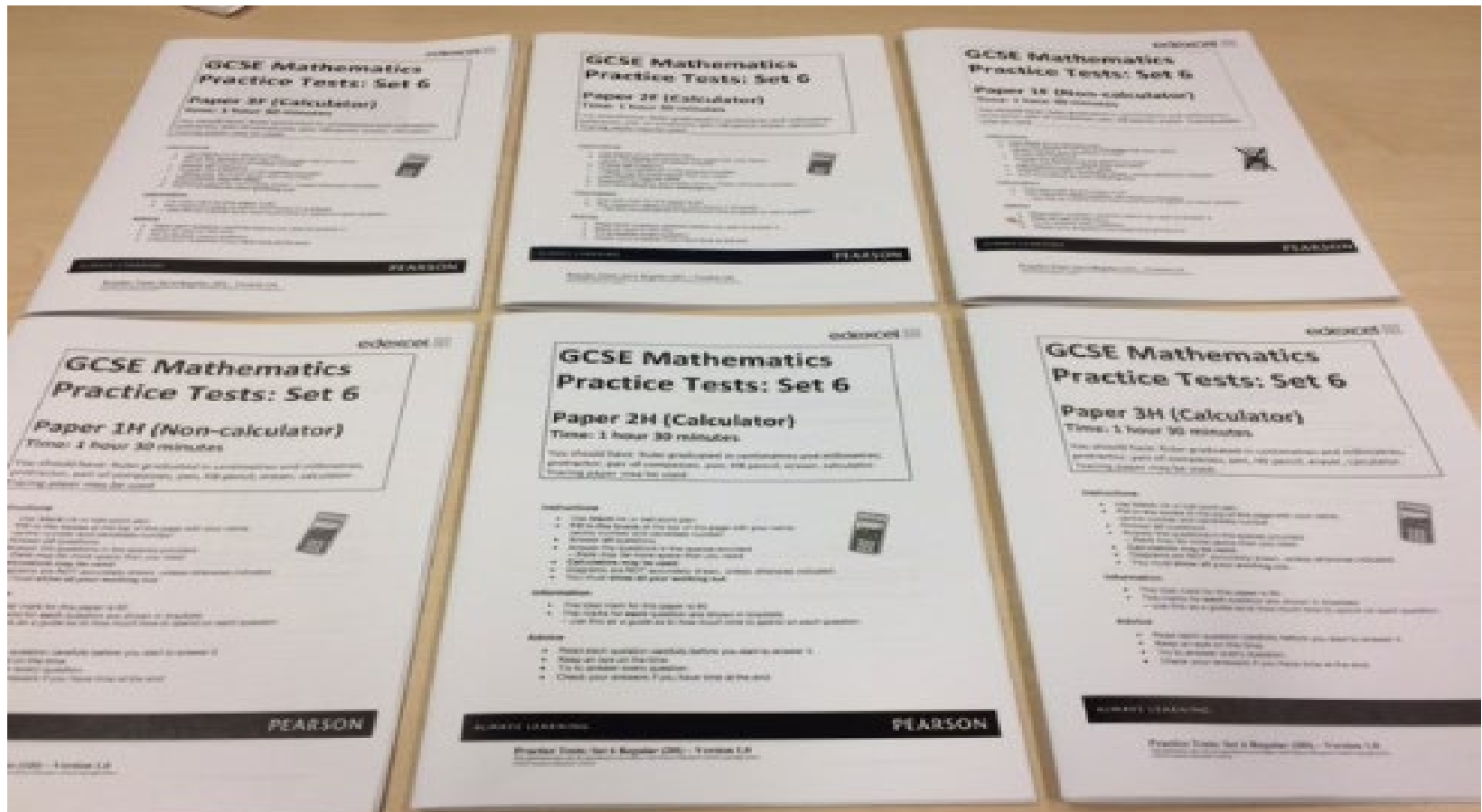
- In addition to Hegarty Maths all pupils also have a Tassomai account
- Tassomai is a fantastic platform for pupils to practise topics that they have previously covered
- In order to make the greatest possible improvements, pupils should complete their Tassomai daily challenge every day

Other Useful Websites

- mymaths.co.uk
- corbettmaths.com
- mathsgenie.co.uk
- onmaths.com
- justmaths.co.uk

Revision

From next week, pupils will receive fortnightly exam papers from their maths teacher



Google classroom

There are numerous revision materials being posted to the google classrooms, as well as work for students that are missing lessons for any reason.

The image displays two screenshots of a Google Classroom interface. The top screenshot shows a class titled "Revision" with a "Create" button and two assignments: "Aiming for Grade 5 booklets" and "Aiming for Grade 4 Booklets". The bottom screenshot shows a class titled "Home Learning/ Blended learning" with a "Create" button, a "Meet" button, and two assignments: "onmaths mini test" (due 18 Sep, 18:00) and "Home learning 2020-21 Overview" (edited 18 Sep).

Additional Advice

- Please ensure that you have all of the correct equipment – pen, pencil, ruler, protractor, compasses and a scientific calculator
- Complete all past exam papers at home as if they were the real exam
- Consider purchasing a revision guide so that you can practise maths using a pen and paper

Important Dates

Mock exams

Tuesday 15th March - Paper 1: Non-calculator

Thursday 17th March - Paper 2: Calculator

Final exams

Friday 20th May - Paper 1: Non-calculator

Tuesday 7th June - Paper 2: Calculator

Monday 13th June - Paper 3: Calculator

Questions

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Or email your child's maths teacher directly.