GCSE MATHEMATICS 9-1

The Maths GCSE Grading system

Students will receive a grade from 9 (highest) to 1 as opposed to A* - G.

Previous GCSE grades	New GCSE grades
A*	9
	8
A	7
B	6
	5
C	4
D	3
E	2
F	1
G	
U	U

Grade 4 is equivalent to the old grade C and is considered a pass

Grade 5 is equivalent to a high C/low B ('good pass')

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

- Most teachers will have finished teaching new content and will now be focussing on revision and remedial work.
- Lessons may follow a similar format
    - Knowledge retrieval task: 'Do Now'; 5-a-day; Formula Quiz
    - Exam questions from Past GCSE papers
    - Feedback using mark schemes/ comments from examiners reports

Revision

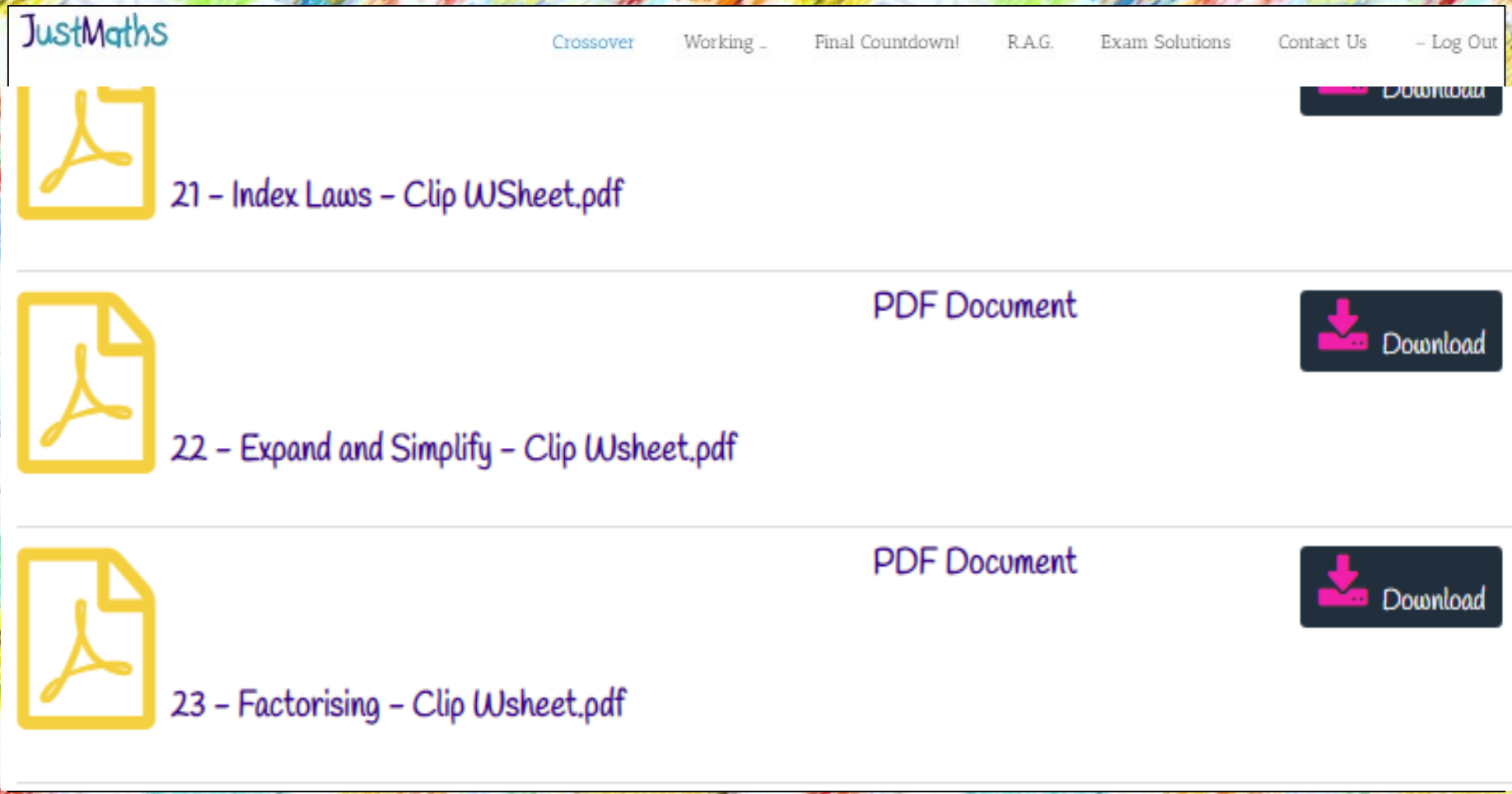
Following their mock exams and a recent assessment, all students should now have a starting point for what they need to revise.

JustMaths

Qus No	Topic	Full Mark	Your Score	Video Support
1	Rounding	1	1	Ede-Summer2019-F3-1
2	Mulriples	1	1	Ede-Summer2019-F3-2
3	Metric units	1	0	Ede-Summer2019-F3-3
4	Powers	1	1	Ede-Summer2019-F3-4
5	Percentages to fractions	1	2	Ede-Summer2019-F3-5
6	Percentage of an amount	2	2	Ede-Summer2019-F3-6
7	Subtraction	2	3	Ede-Summer2019-F3-7
8	Proportional reasoning	3	1	Ede-Summer2019-F3-8
9	Simplifying expressions	2	0	Ede-Summer2019-F3-9
10	Fraction of an amount	3	3	Ede-Summer2019-F3-10
11	Money problem solving	4	2	Ede-Summer2019-F3-11
12	Ratio	2	1	Ede-Summer2019-F3-12
13	Sequences	2	2	Ede-Summer2019-F3-13
14	Use of calculator	2	2	Ede-Summer2019-F3-14
15a	Substitution	2	2	Ede-Summer2019-F3-15a
15b	Substitution	2	3	Ede-Summer2019-F3-15b

Revision: Where can I find Maths revision resources?

www.justmaths.co.uk



Corbettmaths

http://corbettmaths.com/

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5-a-day

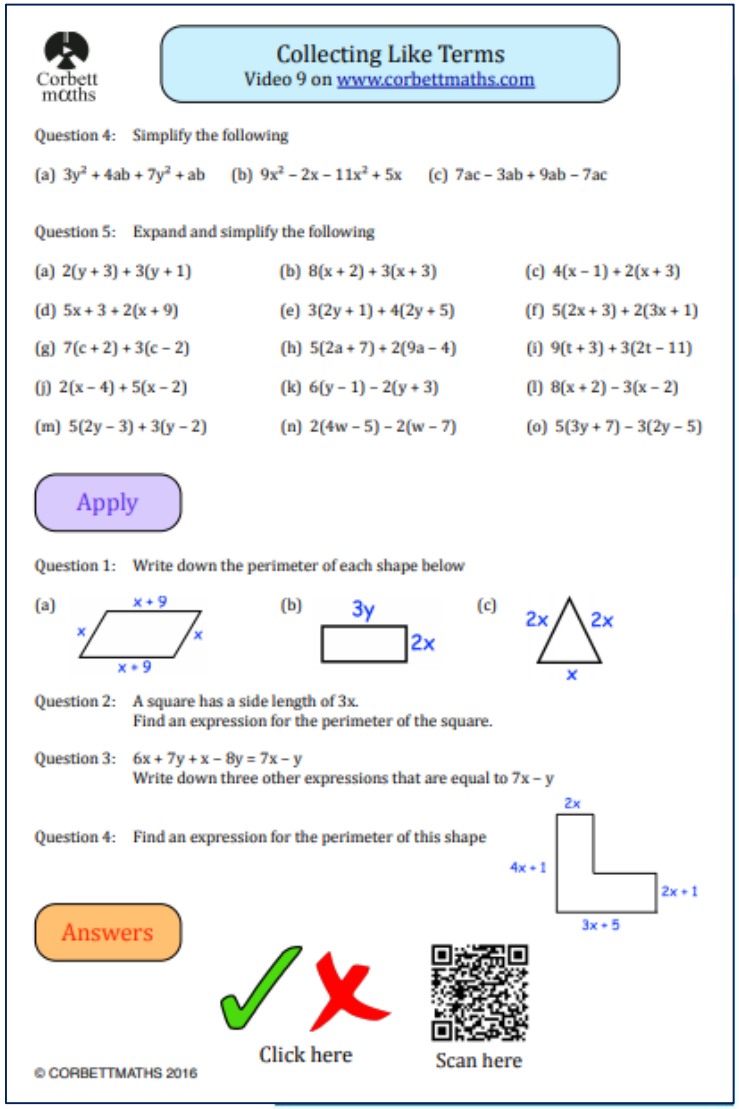
Videos

Worksheets

Corbettmaths Revision Cards

Designed for the new 9-1 GCSE

GCSE Higher or
GCSE Foundation



Corbett maths

Collecting Like Terms
Video 9 on www.corbettmaths.com

Question 4: Simplify the following

(a) $3y^2 + 4ab + 7y^2 + ab$ (b) $9x^2 - 2x - 11x^2 + 5x$ (c) $7ac - 3ab + 9ab - 7ac$

Question 5: Expand and simplify the following

(a) $2(y + 3) + 3(y + 1)$ (b) $8(x + 2) + 3(x + 3)$ (c) $4(x - 1) + 2(x + 3)$

(d) $5x + 3 + 2(x + 9)$ (e) $3(2y + 1) + 4(2y + 5)$ (f) $5(2x + 3) + 2(3x + 1)$

(g) $7(c + 2) + 3(c - 2)$ (h) $5(2a + 7) + 2(9a - 4)$ (i) $9(t + 3) + 3(2t - 11)$

(j) $2(x - 4) + 5(x - 2)$ (k) $6(y - 1) - 2(y + 3)$ (l) $8(x + 2) - 3(x - 2)$

(m) $5(2y - 3) + 3(y - 2)$ (n) $2(4w - 5) - 2(w - 7)$ (o) $5(3y + 7) - 3(2y - 5)$

Apply

Question 1: Write down the perimeter of each shape below

(a) x + 9, x, x, x + 9 (b) 3y, 2x (c) 2x, 2x, x

Question 2: A square has a side length of 3x.
Find an expression for the perimeter of the square.

Question 3: $6x + 7y + x - 8y = 7x - y$
Write down three other expressions that are equal to $7x - y$

Question 4: Find an expression for the perimeter of this shape

2x, 4x + 1, 2x + 1, 3x + 5

Answers

Click here

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- Using Maths to Earn Money
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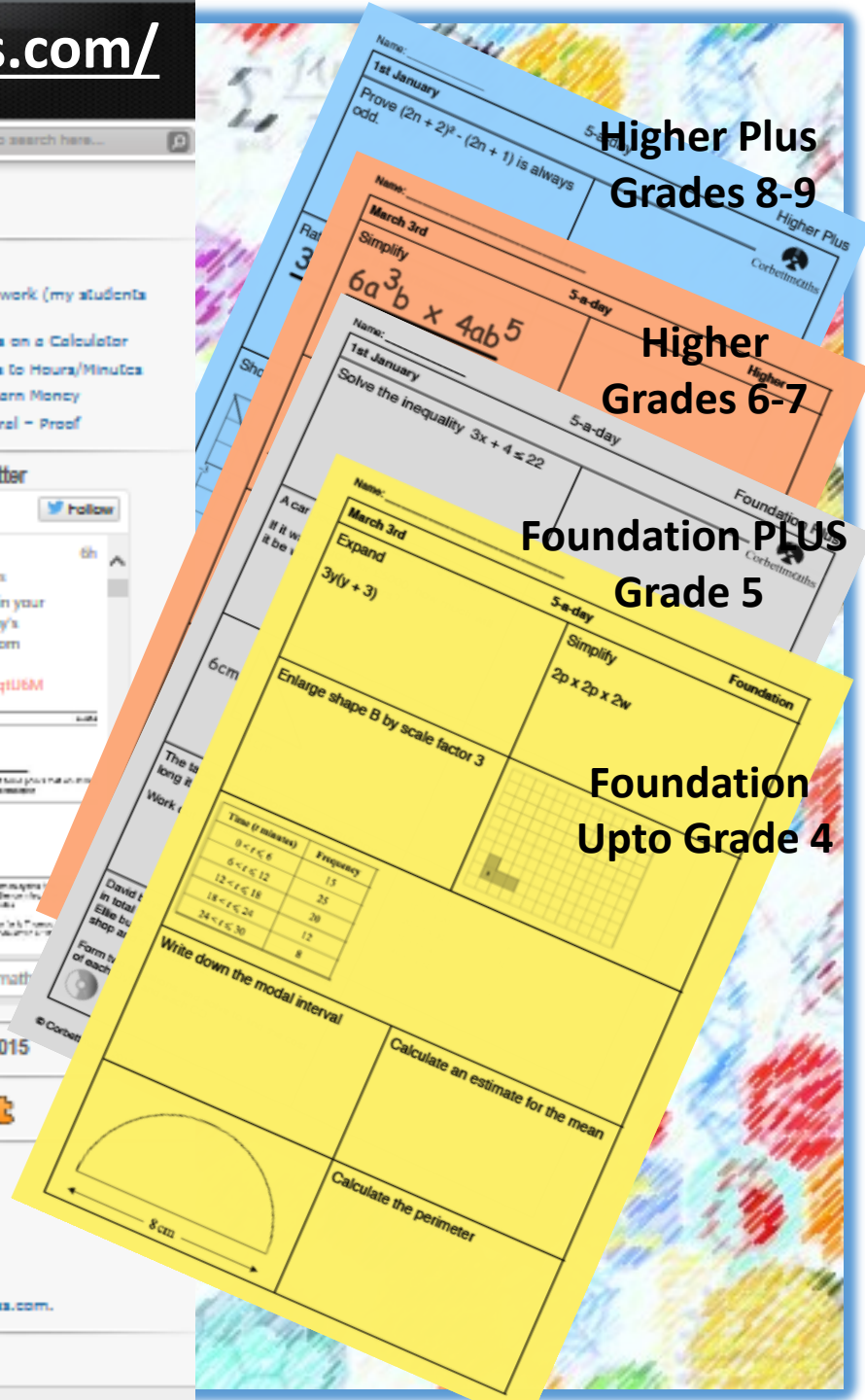

Our Papers

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challenge yourself against a Demon Paper

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ONMATHS.com

Topic Buster

Basic Algebra

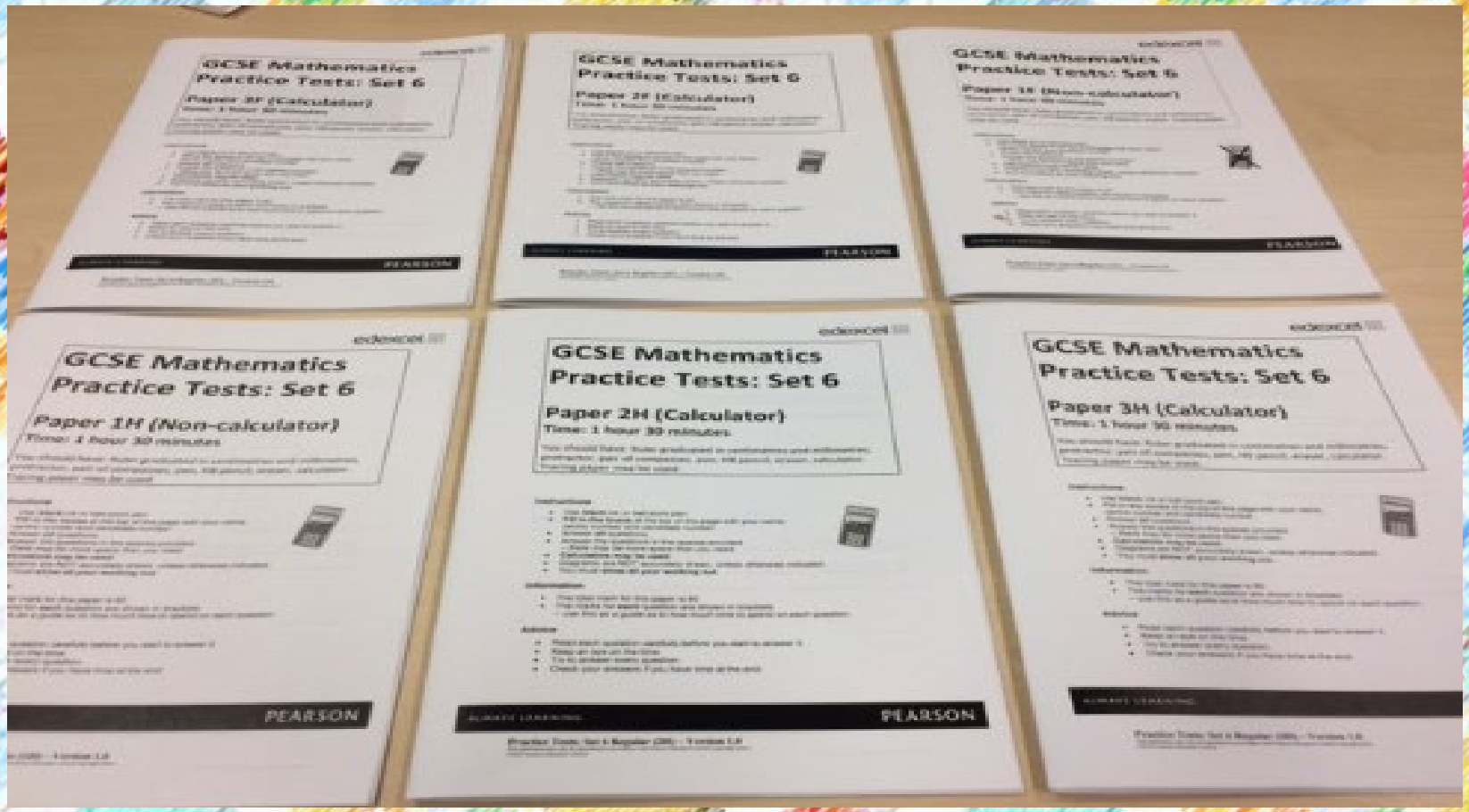
Foundation Tier

Instructions

- Type all answers in the boxes provided.
- Click 'Mark' to mark your answer.
- Once a question is marked, it cannot be edited.
- Click 'Next Question' to move on to the next question.
- The questions must be done in order, from Q1 onwards.
- At this stage, nothing is saved, so if you close your browser window, you will need to restart.

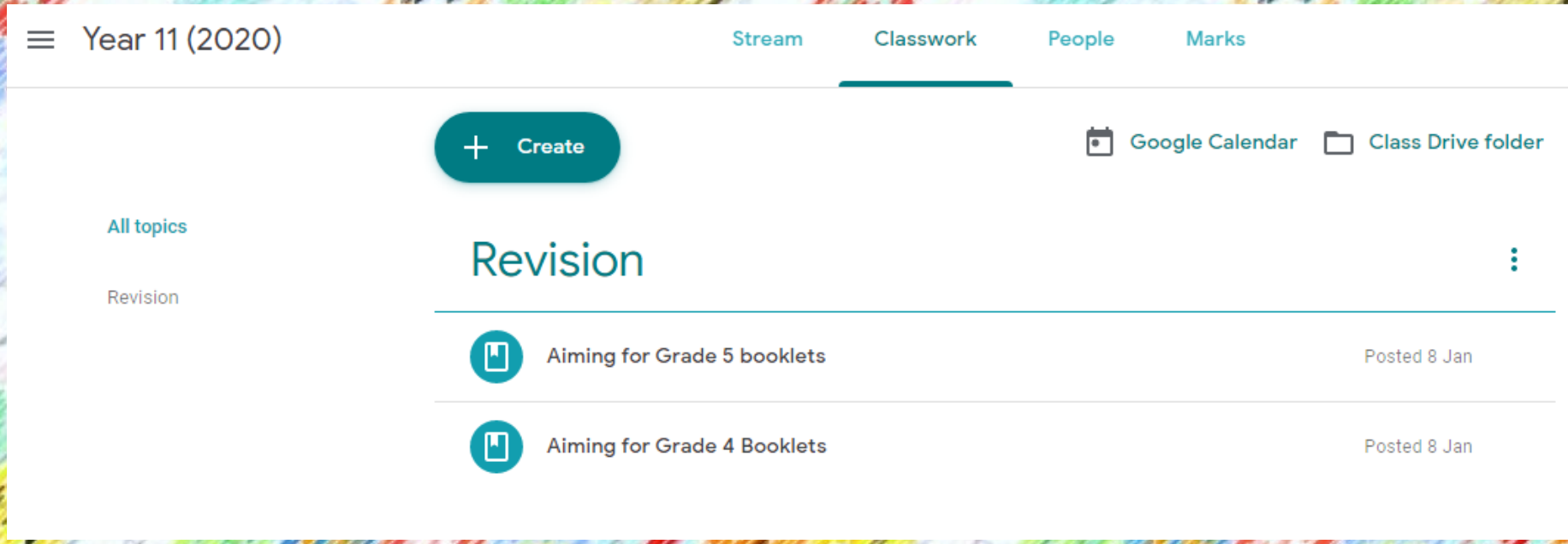
Revision

Students will also receive fortnightly exam papers from their maths teacher. Feedback from these will help them improve.



Use the classroom!

Teachers are all posting revision materials and lesson powerpoints to the google classroom. We have also created a Year 11 classroom where we will post things like past papers, revision lists etc.



Additional Advice

- Have your own calculator
- Show working out
- Attend intervention sessions & seek support when necessary!

Important Dates

Next Mock exams

w/c 15th March 2020

GCSE Papers

P1 (non-calc) – Tuesday 19st May

P2 (calculator) – Thursday 8th June

P3 (calculator) – Monday 11th June