

# Dunbar Grammar School Mathematics Department

S1/S2 Parent Information Evening  
Monday 4th October 2021

- Thank you for joining us. We aim to start by 5.30pm
- This will be a large meeting so to save any issues with bandwidth please remain on mute and keep your cameras off.

# Welcome

Welcome to the S1 and S2 Maths Information Evening. Our talking points for the next 30 minutes are:

- Class Structures & Course Information
- Teaching Methodologies
- Ways to support students at home
- Transition from S2 into S3

# S1/S2 Course Structure

- We teach S1 and S2 Maths as a continuous course throughout both years.
- We try to keep the teacher from S1 into S2 the same so that there is continuity.
- The course is taught over 6 units of work.
- Broadly speaking we have three courses:
  - Lower - Mainly level 1 and level 2 of the curriculum
  - Middle - Mainly level 3 with opportunities to consolidate or complete level 2
  - Upper - Mainly level 3
- Our approach to the course is very flexible and we respond the child in terms of the course they follow.

# S1/S2 Course Structure

## Block 1

- Whole Numbers
- Angles
- Decimals
- Length
- Area

## Block 2

- Fractions
- Negative Numbers
- Coordinates
- Algebra - Expressions

## Block 3

- Percentages
- Time
- Special Numbers & Sequences
- Algebra - Equations

## Block 4

- Number Consolidation
- Money
- Angles or Pythagoras' Theorem
- Conversions of units and tolerance

## Block 5

- Number Consolidation
- Circle
- Algebra
- Volume

## Block 6

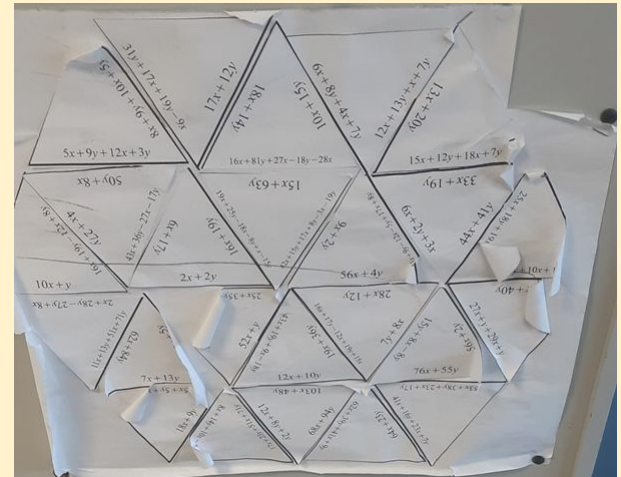
- Fractions, Decimals & Percentages
- Algebra
- Trigonometry or Pythagoras' Theorem
- Ratio & Proportion

# **S1/S2 Course Structure**

- At the end of a topic students will receive a homework assignment to support their learning.
- At the end of a unit of work students will sit an assessment.
- After the assessment students will receive feedback from their teacher and will complete a learning log to highlight what they have done well and what they need to do to improve.
- In S1 we have a Numeracy and Literacy period.

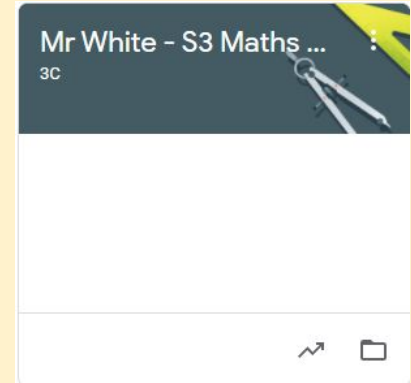
# Teaching Methodologies

- This year we are trialling having our S1 classes in mixed ability groups. This will provide more opportunities for collaborative working and more flexible approaches to what is taught.
- In S2 the classes are in broad-banded sets.
- Teaching of number using similar methodologies to the primary schools.
- Mixture of individual work and collaborative tasks.
- Some classes are trialling weekly learning logs



# Ways to Support Students at Home

- Students have access to a Google Classroom with revision resources and video lessons.

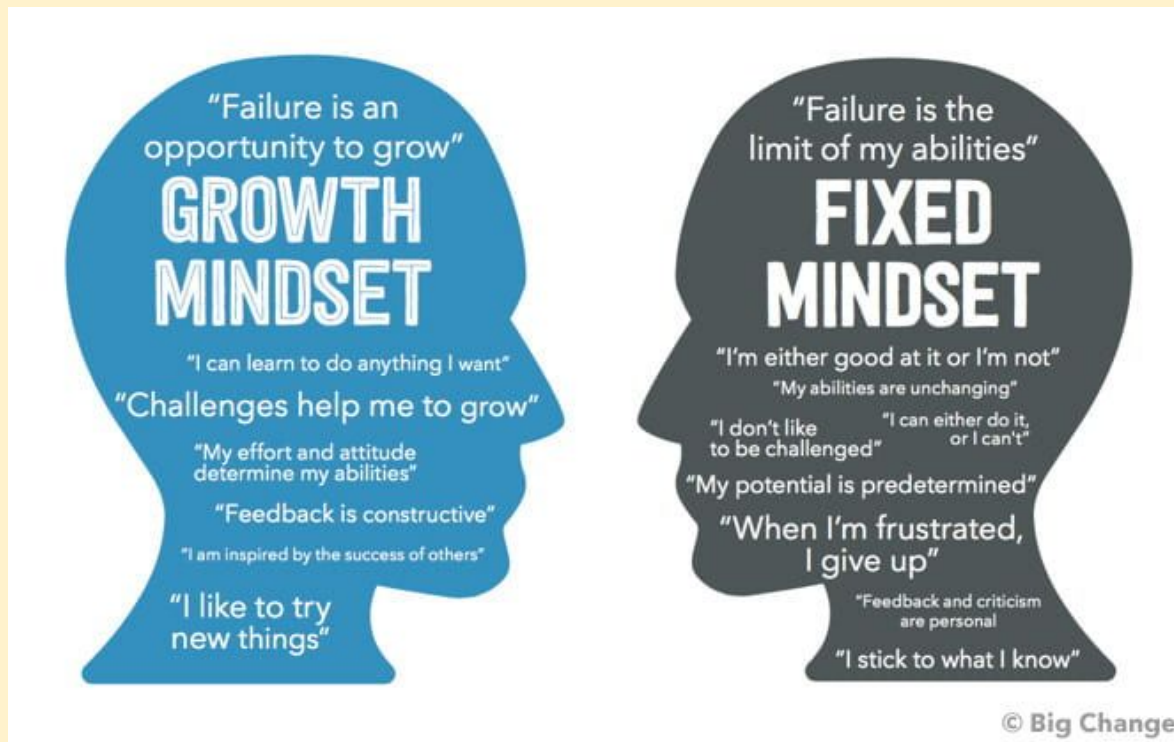


A screenshot of a Google Classroom post. The title is "Fractions &amp; Rounding". The post is titled "Dividing Fractions" and was posted on "29 Sept". It contains three video thumbnails from "Big our Maths" with titles: "N5 App 1 3b Bronze Outco...", "N5 App 1 3b Silver Outco...", and "N5 App 1 3b Gold Outco...". Each video is 4 minutes long, except for the gold one which is 3 minutes. Below the videos is a "View material" link. At the bottom, there is a section for "Multiplying Fractions" also posted on "29 Sept".

- Please ask about what is on their Google Classrooms.
- Encourage them to use it once per week to read what is on the classroom and review something they have already learned.

# Ways to Support Students at Home

- Be careful about your choice of language. Do what you can to encourage a Growth Mindset and have a positive attitude towards Maths.





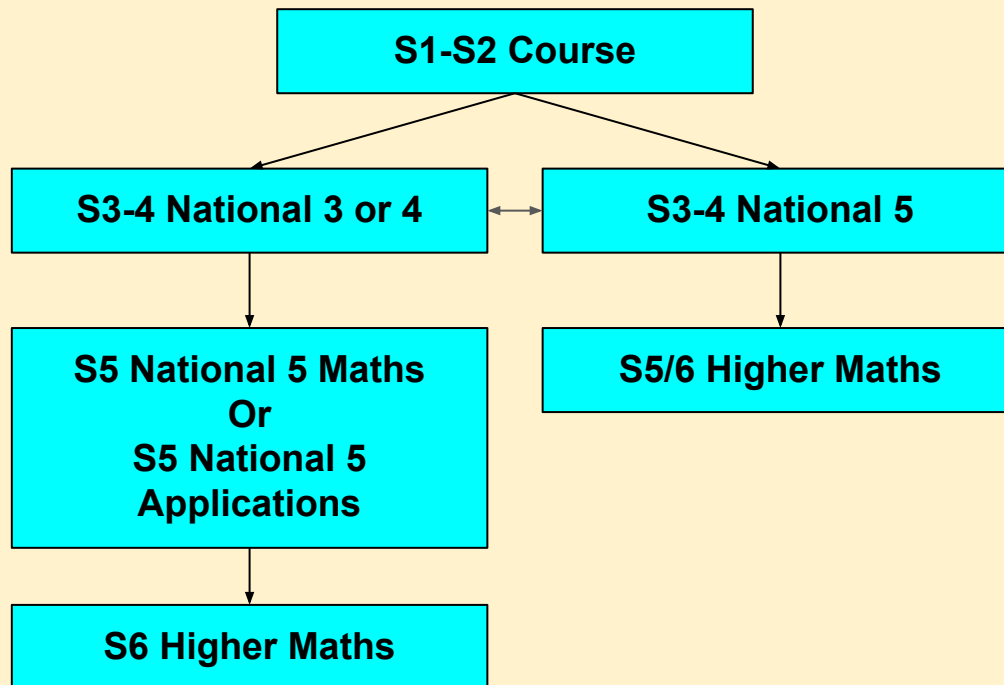
# Ways to Support Students at Home

- Encourage students to spend **at least** 30 minutes per week revising work that has been learned.
- If students are unsure about lesson content or what they should revise then they can speak to their teacher.
- The website below are particularly useful for video lesson and worksheets if you are looking for extra material:
  - [www.corbettmaths.com](http://www.corbettmaths.com)
  - [www.mathsrevision.com](http://www.mathsrevision.com)
  - <https://www.national5maths.co.uk/s1-s2-courses/>
  - [www.topmarks.co.uk](http://www.topmarks.co.uk)

## Transition from S2 into S3

- At the end of S2 we begin to look at pathways for students for S4.
  - National 3
  - National 4
  - National 5
- This is currently under review but will essentially involve looking at performance across S1-S2.
- We are aiming to have as many students do National 5 Maths as possible.

# Transition from S2 into S3



**Any Questions???**