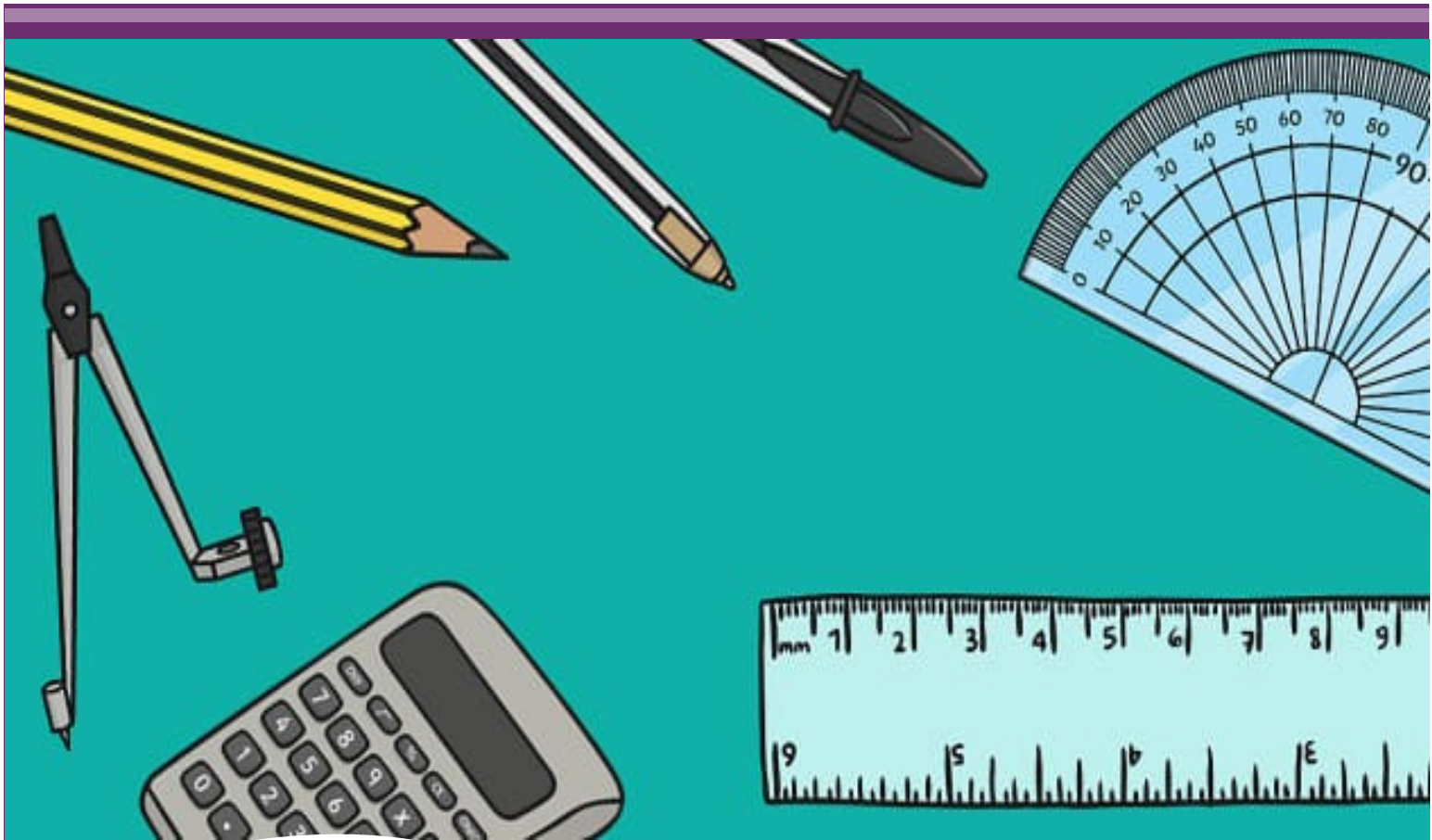




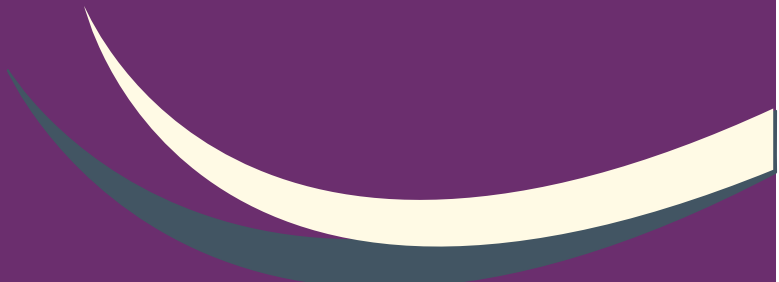
QUEENSBURY
ACADEMY



Maths Department
KS3 Overview
GCSE Mathematics

KS3 Overview

Mathematics is vital for communicating with the wider world and is fundamental to learning in STEM subjects. In studying Maths, pupils develop skills in analysis, logical thinking and basic numeracy that they will need to participate in society and employment. Pupils learn to understand how the world works and to communicate with others confidently and effectively. For Year 7 and 8: the department uses:

- AQA Collins books and Collins connect Mathematics Frameworking Books 1.1-3.3.
 - Pupils have 5 mathematics lessons per week.
 - Homework is set every fortnight either online or specific worksheets . Numeracy Homework is given every other week avoiding class homework.
 - We use AQA Collins connect assessment every half term; they are graded to GCSE boundaries.
 - Pupils are expected to use Collins connect as an opportunity for Home Learning – and further intervention.
 - All the schemes of work for all books are available on-line using Collins connect.
- 

GCSE Mathematics

WHAT QUALIFICATION WILL I GET?

GCSE Mathematics

WHICH EXAM BOARD?

AQA

The Mathematics course is suitable for all pupils who are able to achieve between 1 to 9.

All pupils will be entered for either Higher or Foundation papers.

The GCSE Mathematics course of study is based on the new AQA Specification.

All examinations will be externally assessed.

Over the three years of study, pupils will be assessed regularly through internal examinations in preparation for their final examinations in June 2018.

GCSE Maths 1 H&F

(Non-calculator) — 1 hr and 30mins

80 marks

GCSE Maths H&F 2

(Calculator) — 1 hr and 30mins

80 marks

GCSE Maths H&F 3 (

Calculator) — 1 hr and 30mins

80marks

Pupils must complete all assessments at the end of Year 11.

FUTURE OPPORTUNITIES?

A-Level Mathematics (depending on entry requirements)

KS4 Year 9-10

The Mathematics department use AQA Collins books and Collins connect Mathematics GCSE Foundation and Higher.

Pupils have 5 mathematics lessons per week

Homework is set every fortnight; set online or worksheets are provided

We use AQA Collins connect assessment every half term – graded to GCSE boundaries

Year 9 Half term 6 will be P1-P2 GCSE examination

Year 10 Half term 6 will be a full GCSE examination

Opportunities are available for Entry Level assessments, GCSE statistics (H&F) and Level 2 Certification in Further mathematics for Year 10.

Pupils are expected to use Collins connect as an opportunity for Home Learning – and further intervention. All schemes of work are available on-line through Collins connect.

KS4 Year 11

The department uses PIXI Y11 SOL of GCSE intervention – PIXI resources available at: <https://www.piximaths.co.uk/ks2-ks3-ks4-resource-index>

The department uses AQA Collins books and Collins connect Mathematics GCSE Foundation and Higher.

Pupils have 5 mathematics lessons per week.

Homework is set every fortnight; set online or on worksheets.

Year 11 will do trial GCSE examination papers in November and then every (Half-) term; at least 3 before the summer exams.

Opportunities are available for Entry Level assessments, GCSE statistics (H&F) and Level 2 Certification in Further mathematics for Year 11.

Pupils are expected to study consistently at home and use the past paper/resources provided as opportunities for Home Learning – and further intervention.