

## Broadening Horizons

Our intent is that all students have a full understanding of how to develop themselves as well rounded citizens, maintain healthy relationships and understand how to keep themselves safe both online and in their day-to-day life.

We want all students to know what options are open to them in the future and understand the routes they have in order to progress on their life journey.

Our curriculum will include:

- Exposing learners to worded problem-solving questions based on real life situations
- Using Maths across the curriculum, such as calculating in standard form in Science and working out percentage change in Geography
- Opportunities throughout the curriculum that expose learners to careers involving mathematical knowledge and skills

## Careers

As your children prepare to sit their GCSE Maths exams, it's important to remember that Mathematics is a subject with vast career opportunities. Careers that require strong mathematical skills include those in Science, Engineering, Finance, and Technology.

Maths plays a critical role in fields such as computer programming, data analysis, and cryptography, where a strong understanding of mathematical concepts is essential. Maths is also an essential skill for careers in Medicine, where precision and accuracy are paramount.

By developing a strong foundation in Maths, your children can open up a range of exciting career opportunities and pave the way for a successful future.

## Immerse Yourself



Log onto your MathsWatch Account here



Students have access to Mathswatch to support their revision.

After each mock this year, students are provided with a feedback sheet to highlight their strengths and areas of development.

Each of the topics highlighted refers to a video on either Mathswatch or CorbettMaths and students are encouraged to watch these outside of the lesson and practice exam style questions in these areas.

## Praise and Reward

Our rewards system can be broadly split into four categories: classroom level, subject level, school level and privilege rewards. We'll focus on classroom and subject rewards here - for more information about our rewards schemes, please see our website.

### CLASSROOM LEVEL REWARDS

Awarded for: working hard, taking risks and rising to a challenge, making mistakes and learning from them, helping others, and taking pride in the school community.

Rewarded by: praise postcards, positive phone calls to parents/carers, positive text messages home, and lesson-based prizes.

### SUBJECT LEVEL REWARDS

Reward scheme: Star of the Week, curriculum awards (Subject/School Way, participation, working with pride, embracing the whole curriculum), high flyer, extra mile, most improved.

Rewarded by: names displayed on reward boards, certificates, social media posts.

## Contact



Laura Sharpe  
WPT Maths Subject Director  
lsharpe@wickersley.net



Kieran Callaby  
Y11 Maths Coordinator  
kcallaby@wickersley.net



George McMahon  
Rawmarsh Subject Coordinator  
gmcmahon@rawmarsh.org

## Archimedes' Eureka!

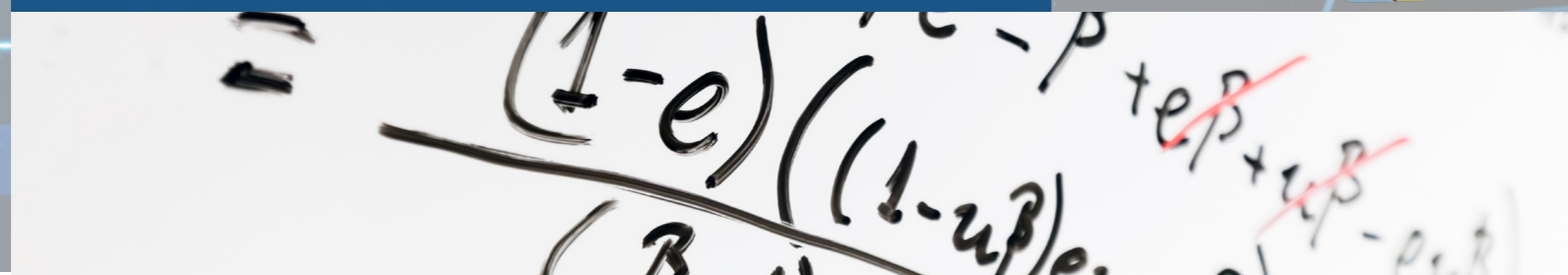
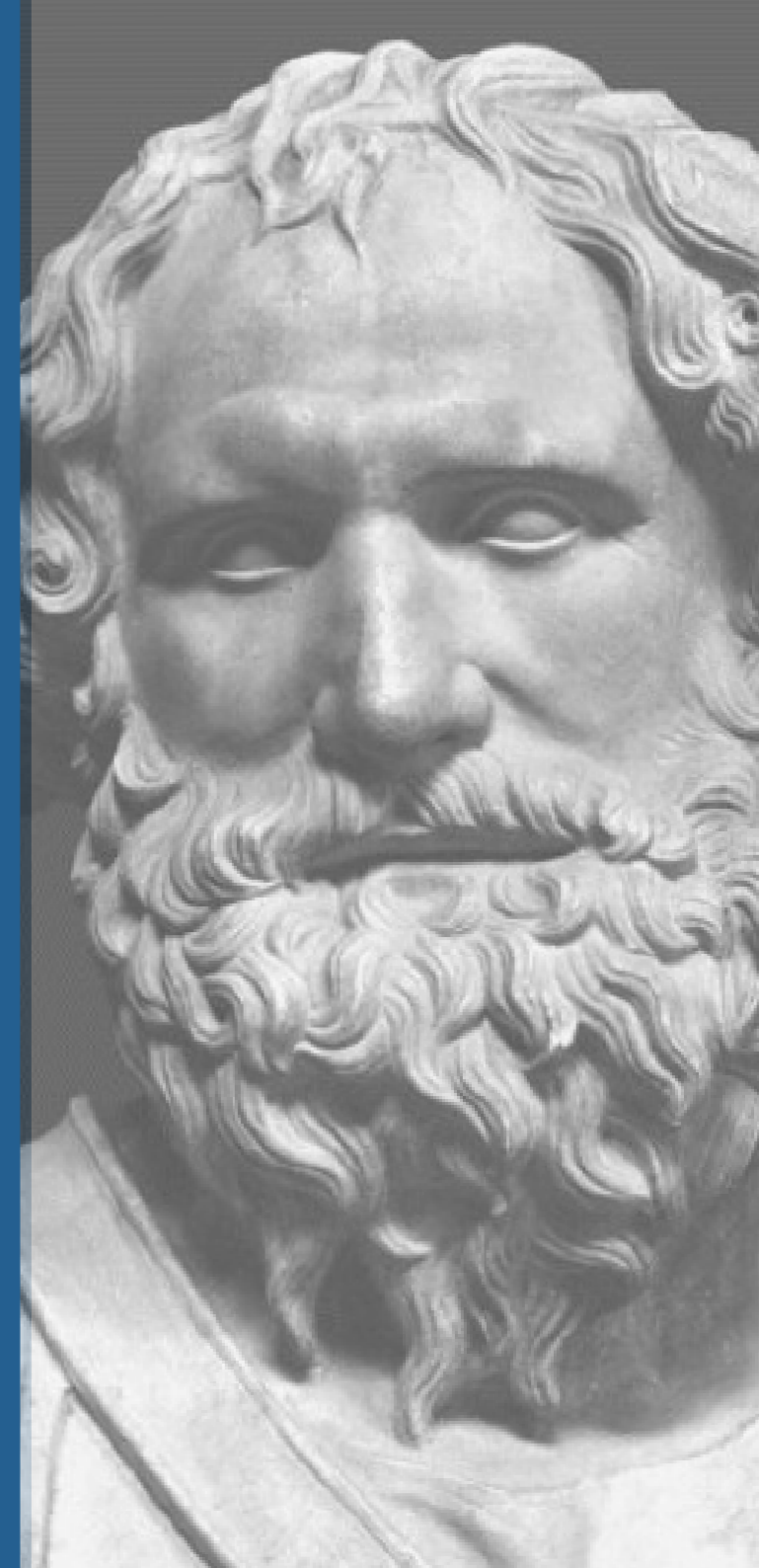
When you think of Archimedes' Eureka moment, you probably imagine a man in a bathtub, right? As it turns out, there's much more to the story.



Edition 7  
April  
2023

MATHS  
YEAR 11

Curriculum Newsletter



# Curriculum Intent

It is our intention that every student leaves school confident and competent to deal with any mathematical problem they may face in their lives and future careers.

This is achieved through promoting students to; be resilient in their approach, take risks to deepen their knowledge, forge valuable working relationships and take responsibility for and enjoy their learning. We aim to push students to be the best mathematicians by building up their skills base and maximising their attainment and understanding in mathematics at whichever stage that may be.

We ensure a coherent mathematics scheme of work that challenges all students and promotes teaching and learning; this provides students with the knowledge and skills to achieve well academically, and be successful once their education with us ends.



# Year 11 Curriculum

In Year 11, learning is focussed on units that will help the students complete this GCSE examinations.

Students will be either working towards their foundation or higher examination this Summer.

Students are being entered for the OCR specification and have been working on this throughout the year.

They will also be studying bespoke schemes of work depending on their class to ensure that they have covered all of the content within the course and are covering any gaps in learning from previous years.

Exam technique and revision will be a priority moving forward and students will be exposed to a number of exam style questions to ensure they are confident in accessing these and understand how to achieve maximum marks on these questions.



# Have your say!

At WPT we're always looking for feedback. If you have any thoughts/opinions on this Curriculum Newsletter, its content or the curriculum in general, please scan the QR code to fill out a short feedback form.



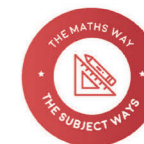
# Assessment Points

Students are assessed at the end of each theme, roughly once per half term. Assessments are written and include fluency, reasoning and problem-solving questions.

# The Maths Way

The Maths way is followed and referred to in all lessons. It supports students to become young mathematicians and develop them into thinking and working like mini-mathematicians.

# THE MATHS WAY



## WE LOOK FOR MATHS IN THE REAL WORLD

We learn from peers & listen to their explanations

We see mistakes as an opportunity

## WE CAN THINK LOGICALLY

We can search for patterns in data

to learn

Analyse, reason, deduce

We persevere & try different approaches

We can identify relevant information

& use this to solve problems

We use our books as a revision guide

We make mental estimations to check our answers are reasonable

We show all our working out



WICKERSLEY PARTNERSHIP TRUST

SUBJECT WAYS