

# MATHEMATICS AT STOKE HIGH SCHOOL

## WHAT WE USE:

Exam Board:  
Pearson Edexcel

Whiterose Maths

Hegarty Maths and  
Complete maths to  
help you learn  
independently

## WHAT ELSE WE DO:

Maths challenge for the  
most able

Annual trips to Legoland  
Racehorse Days  
Bletchley Park

Projects: Plan a holiday,  
create a school timetable...

## TEACHERS

Mr. Ateba

Mr. Doney

Miss. Olive

Mrs. Garrard

Mr. Bond

Miss. Jordan

Miss. Harvey

Mrs. Willimott



# MATHEMATICS AT STOKE HIGH SCHOOL

## HOW DOES MATHS LOOK AT STOKE?

- All students are put into sets depending on their ability
- End of unit assessments
- Termly assessments (GCSE paper for years 10 and 11)
- 7 Lessons a fortnight
- Regular homework
- Teachers offer encouragement
- Support available after school



# MATHS IS IMPORTANT TO YOU

## Financial Importance

Students who get a grade '5' or above at GCSE have an average lifetime income of £150,000 more than those students who get a '3' or below.

Students with good maths skills earn £5,000 a year more (on average) than others who are not proficient in the subject. [Ref: Witan Jardine, 2008]

**SO DO YOUR BEST!**



# MATHS IS IMPORTANT TO YOU

## Employment Importance

Good maths qualifications will allow you to consider a wider choice of exciting careers. Without maths qualifications, many good jobs will be unavailable to you.

Many employers believe that if you get good maths grades in your exams, then you are a 'smart person', and will be able to learn the many other skills that they will require of you.

**SO DO YOUR BEST!**



# MATHS IS IMPORTANT TO YOU

## Educational Importance

Maths is fundamental knowledge for life.

Basic maths was taught in schools 500 years ago, and will still most-probably be taught in another 500 years time.

The better you are at maths, the easier you will find Science, Design & Technology, ICT, many aspects of Geography and even Music!

**SO DO YOUR BEST!**



# MATHS IS IMPORTANT TO YOU

## **Social Importance**

Studying maths - especially percentages, graphs, and data handling - will help you truly understand global 'green' issues (such as climate change, the energy crisis, and disease control), and hence help you decide your own political stance on these crucially important issues.

**SO DO YOUR BEST!**



# MATHS IS IMPORTANT TO YOU

## Personal Importance

Maths problems help train your brain to think accurately and carefully. You will be able to think more logically, and to make better decisions in your life. Although maths can sometimes be difficult, you will get a great sense of achievement if you persevere, work hard and achieve good GCSE grades.

**SO DO YOUR BEST!**



# MATHS IS IMPORTANT TO YOU

## Global Importance

Maths is used throughout the entire world!  
If you travel, your maths and numeracy skills will be recognised anywhere, and will help you gain employment.

**SO DO YOUR BEST!**





# MATHS IS IMPORTANT TO YOU

BUILDERS

BANKS

## CAREERS WHERE MATHS IS USED

Multimedia Specialist

Medical Statistician

Computer Game Designer

Medical Laboratory assistant

IT Product Developer

Medical Physicist

Technical Support Technician

TEACHER: To become a teacher you

Software Developer

must have a grade 5 or above in Maths

Web Designer

FOOTBALL PERFORMANCE ANALYST

Electrical Engineer

BUSINESS OWNER

Structural Engineer

Naval Engineer

Building Technician

## SO DO YOUR BEST!

