

# Mathematics

GCSE – Exam Board: Edexcel



Saint Joseph's  
CATHOLIC SCHOOL

## Assessment:

- **Paper 1** – Non-calculator (1 hour 30 minutes)
- **Paper 2** – Calculator (1 hour 30 minutes)
- **Paper 3** – Calculator (1 hour 30 minutes)

## Key Information:

Entries for this GCSE are at two levels – Higher Tier or Foundation Tier – and are assessed externally at the end of Year 11.

Pupils will be entered for GCSE Mathematics at a level appropriate to their ability and ambitions. The qualification will be graded on a nine-grade scale from 9 to 1 using the total marks across three papers, with 9 being the highest grade.

- **Foundation tier:** Grades 5 to 1
- **Higher Tier:** Grades 9 to 4.

There will be three equally weighted exam papers (1 hour 30 minutes each). There is no coursework element to the qualification. Pupils must be able to demonstrate the following assessment objectives:

- Develop fluent knowledge, skills and understanding of mathematical methods and concepts
- Acquire, select and apply mathematical techniques to solve problems
- Reason mathematically, make deductions and inferences, and draw conclusions
- Comprehend, interpret and communicate mathematical information in a variety of forms appropriate to the information and context.

## Who is this course for?

Our aim is to provide a strong foundation for further academic and vocational study and for employment, to give students the appropriate mathematical skills, knowledge and understanding to help them to progress to a full range of courses post-16 and to equip them for the world of work.

For more information, see the full course specification:

[qualifications.pearson.com/en/qualifications/edexcel-gcses/mathematics-2015.html](http://qualifications.pearson.com/en/qualifications/edexcel-gcses/mathematics-2015.html)

Or scan here:



Topic Area	Weighting	
	Foundation	Higher
Number	12–28%	12–18%
Algebra	17–23%	27–33%
Ratio, Proportion and Rates of Change	22–28%	17–23%
Geometry and Measures	12–18%	17–23%
Statistics and Probability	12–18%	12–18%

## Skills Gained:

- Adept at solving quantitative problems
- Ability to understand both concrete and mathematical concepts
- Proficient in communicating mathematical ideas
- Ability to make crucial observations
- Accurately organise, analyse, and interpret data
- Extract important information and patterns
- Assess and solve complex problems
- Able to work independently and in a team

## Additional Qualification:

An additional Level 2 Certificate in Further Maths will be offered to higher achieving pupils. This will require them to attend an additional teaching session after school once a week.

Scan here:



## Linked Careers:

- Medicine
- Engineering
- Pharmacy
- Banking
- Accountancy
- Project management
- Finance
- Investments