

Use numbers 1 - 9 to complete the equation.

Each number is only used once. Each row is an equation. Work from left to right. Each column is an equation. Work from top to bottom.

	+		+		22
-		-		/	
	-		/		1
×		×		+	
	+		-		-1
15		10		11	

Faculty of Mathematics

Director of Mathematics:
Mr. M. Silvera

Head of Mathematics:
Mrs. M. Bright

$$7 - 4 \times 5 = 15 : 6 - 1 \times 2 = 10 : 9 / 3 + 8 = 11$$

$$7 + 6 + 9 = 22 : 4 - 1 / 3 = 1 : 5 + 2 - 8 = -1$$

WHAT IS PLANNED FOR 2016/2017

Amongst all the activities that Scholars will be involved with in this academic year, we are planning three international trips:

1. **France: Paris and Disney Land** for Year 7
2. **Italy: Florence** for Years 8 & 10 .
3. **China: Beijing** for all year groups TBC .

We intend to run 2/3 different international trips to cater for the needs of our Scholars and Gifted students.

Also included in this year's programme, will be a tour of the **City of London**. The tour will be based on visiting London's iconic landmarks. and investigating the Mathematics in our city..



KINGSDALE FOUNDATION SCHOOL

MATHEMATICS SCHOLARSHIP PROGRAMME 2016/17



Paris: France

Frankfurt Germany



KINGSDALE MATHEMATICS SCHOLARSHIP PROGRAMME 2016/17

- Do you have a high aptitude for numbers?
- Would you consider taking Mathematics at “A Level” and a Degree in Mathematics or Engineering at a top University?

If the answer is **Yes** for both then this scholarship Programme might be what you need. Kingsdale’s Mathematics department is offering a Scholarship programme to students who can demonstrate a keen aptitude and enthusiasm for Mathematics.

What We Offer:

A Mathematics Scholar will receive the following provisions:-

- **Extra tuition:** Students will have the opportunity to benefit from an additional 1 hour per week on average working with Mathematics specialists throughout the academic year. They will be challenged intellectually with higher Mathematical concepts. Some of the sessions will be dedicated to exploring Games. Students will consider the Mathematics behind each type of game and the strategies for winning.
- **Competitions:** All scholars will be entered to take part in the Senior, Intermediate and Junior Mathematics Challenge. This is a competition conducted by the University of Leeds for the UK Mathematics trust. This is a one hour test done by the best young Mathematicians across the Country. The top 10% in performance will then participate in another more challenging aptitude test; Olympiad. Students have the opportunity to measure themselves against the best Mathematicians of their age group in the UK.

- **Mensa IQ test:** Pupils from Years 7 to 11 will be entered to do the Mensa IQ test in the Summer term. This is a highly renowned organisation whose results are recognised and acknowledged internationally.
- **Mathematics Master Classes:** This will be an out of school session where the scholars will be taught by University tutors. Students have the opportunity to engage with the application of Mathematics in the real world. We have sessions with a top Russell Group University 3 times in the Year.
- **National Academy of Gifted and Talented Youth (NAGTY):** Scholars will be encouraged and supported to make applications to join this prestigious organisation.
- **Residential Trips:** This is an opportunity for Scholars to spend 4 - 5 days at a top University attending specially designed classes for and getting an introduction to studying Mathematics at University Level.
- **Early Entry:** Scholars will have an opportunity to be challenged in the top sets by some of the brightest students in South London and to be entered for Mathematics related GCSE examinations at the end of Year 10 if appropriate. A fast track learning programme during Year 7 to Year 9 will be available to prepare scholars for external examinations.

SO WHAT?

If you think you have the aptitude and can handle the pressure of being stretched why not apply for a Mathematics Scholarship at:

Kingsdale Foundation School

ASSESSMENT PROCEDURE:

- All assessments are held in the Spring & Summer terms whilst the students are still in Year 6.
- Assessments are organised by the Mathematics department and supervised by the Scholarship Co-ordinator.
- The assessment test will last approximately one hour.
- Parents/Guardians/Carers are invited to support an application with an open reference on their child’s Mathematical potential from a teacher or independent tutor.
- Parents/Guardians/Carers are invited to provide a supporting statement to show how they believe their child could benefit from Kingsdale Foundation School’s Mathematics Scholars Programme.
- Parents/Guardians/Carers will be informed in writing of the outcome of their child’s assessment.

REMEMBER:

Mathematics Scholarships are NOT used for admission purposes. Prospective students are only eligible to apply for a Mathematics Scholarship **IF and ONLY WHEN** they have received a formal offer of a place at Kingsdale Foundation School after 1st March in the Year of entry to Year 7.

2017 ASSESSMENT DATES:

Saturday 4th & 11th March 2017: 2 - 4.30pm
Monday 6th March 2017: 5 -7pm