

SIXTH FORM SUMMER TRANSITION TASK

	FURTHER MATHEMATICS	
	Qualification Level	A-Level
	Exam Board/ Syllabus	MEI (OCR)
	Contact(s)	Mrs Leeding

To be able to successfully complete your Further Mathematics A-level you must have the ability to work independently and be quick to pick up new ideas and mathematical methods. One of the first topics you will be looking at is Complex Numbers and your summer transition task involves researching the basics of complex numbers and also other number systems.

To make sure you have a good understanding of complex numbers and other number systems please work your way through the booklet provided. The sheets in the booklet allow you to research different number systems and how to manipulate complex numbers. You need to answer all the questions in full sentences, or with full mathematical working, whichever is appropriate.

The booklet can be found here: [Further Maths Transition task](#)

Once you have completed the sheets you must produce an A4 poster explaining the different types of number systems. The booklet and poster need to be handed into your teacher in the first lesson to be marked.

Wider reading - for interest

- The Mathematical Experience - Philip J. Davis & Reuben Hersh
- Euler : The Master of Us All - William Dunham
- A Concise Introduction to Pure Mathematics, Third Edition - Martin Liebeck
- Fermat's Last Theorem: The Story Of A Riddle That Confounded The World's Greatest Minds For 358 Years - Simon Singh
- Seventeen Equations that Changed the World - Ian Stewart
- Math in Minutes: 200 Key Concepts Explained In An Instant - Paul Glendinning
- The Number Mysteries - Marcus Du Sautoy