









## A Level Mathematics

To help you to make the best start in your new subject, and to help you explore different and enriching aspects of the subject, your teachers have prepared a Reading, Watching and Listening list. Please access all of these resources over the summer.

	Title	Description	Hyperlink
 Read	How to Solve It	A classic introduction to problem solving in mathematics.	<a href="#">click here for link</a>
 Read	Adventures in Numberland	The world of maths can seem mind-boggling, irrelevant and, let's face it, boring. This ground-breaking book reclaims maths from the geeks. Mathematical ideas underpin just about everything in our lives: from the surprising geometry of the 50p piece to how probability can help you win in any casino. In search of weird and wonderful mathematical phenomena,	<a href="#">click for link</a>
 Read	Makers of Mathematics	Each chapter of this portrait of the evolution of mathematics examines the work of an individual — Archimedes, Descartes, Fermat, Pascal, Newton, Einstein, and others — to explore the mathematics of his era. Rather than a series of biographical profiles, readers encounter an accessible chronology of pioneering developments in mathematics. 1989 edition.	<a href="#">click here for link</a>
 Watch	<b>Beauty is suffering</b>	A start of the incredible story of Andrew Wiles and his journey to becoming an outstanding modern mathematician.	<a href="#">click here for link</a>
 Watch	<b>The magic of Fibonacci Numbers.</b>	A Ted Talks that looks at Fibonacci and how they appear in strange and fascinating places.	<a href="#">click here for link</a>
 Watch	<b>Numberphile</b>	A range of interesting maths videos about all sorts of maths.	<a href="#">click here for link</a>
 Listen	<b>A History of mathematics</b>	Radio 4 podcast giving some key points in the history of mathematics around the world.	<a href="#">click here for link</a>

 Listen	<b>The secret of mathematics</b>	A series of talks and lectures from Oxford Mathematicians exploring the power and beauty of their subject. These talks would appeal to anyone interested in mathematics and its ever-growing range of applications from medicine to economics and beyond.	<a href="#">click here for link</a>
---	----------------------------------	---	-------------------------------------