

# CHAPTER 19 : PYTHAGORAS AND TRIGONOMETRY

## FOUNDATION

Chapter	Title	MyMaths Links
Chapter 19 Pythagoras & Trigonometry	19.1 Pythagoras' theorem	1053, 1112
	19.2 Trigonometry 1	1133, 1145
	19.3 Trigonometry 2	1131, 1133, 1145
	19.4 Vectors	1134, 1135

## HIGHER

CHAPTER	Title	MyMaths Clips
Chapter 19 Pythagoras & Trigonometry	19.1 Pythagoras' theorem	1112, 1064
	19.2 Trigonometry 1	1131, 1133
	19.3 Trigonometry 2	1095, 1120
	19.4 Pythagoras and trig problems	1112, 1095, 1120
	19.5 Vectors	1134, 1135

### PYTHAGORAS : Higher and Foundation

Topic	Video Link	Questions Link	Answers Link
Pythagoras Theorem			
Pythagoras with rectangles and triangles			
Show a triangle has a right angle			
The length of a line between two points			
Pythagoras in 3D (Higher)			

### MyMaths progression tasks

<https://app.mymaths.co.uk/300-homework/pythagoras-theorem>

<https://app.mymaths.co.uk/301-homework/pythagoras-3d>

(Higher Only)

### TRIGONOMETRY WITH RIGHT-ANGLED TRIANGLES : Higher and Foundation

Topic	Video Link	Questions Link	Answers Link
Trigonometry introduction			
Finding missing sides			
Finding missing angles			







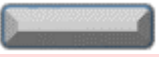
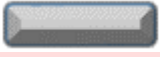



### MyMaths progression tasks

<https://app.mymaths.co.uk/322-homework/trig-missing-sides>

<https://app.mymaths.co.uk/321-homework/trig-missing-angles>

<https://app.mymaths.co.uk/323-homework/trig-angles-of-elevation>



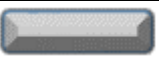


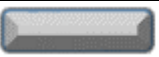
**THE SINE/COSINE RULE AND AREA OF A TRIANGLE : Higher Only**

Topic	Video Link	Questions Link	Answers Link
Sine Rule - Sides			
Sine Rule - Angles			
Cosine Rule - Sides			
Cosine Rule - Angles			
Area of a Triangle			

**MyMaths progression tasks**

<a href="https://app.mymaths.co.uk/324-homework/sine-rule">https://app.mymaths.co.uk/324-homework/sine-rule</a>	(Higher Only)
<a href="https://app.mymaths.co.uk/325-homework/cosine-rule-sides">https://app.mymaths.co.uk/325-homework/cosine-rule-sides</a>	(Higher Only)
<a href="https://app.mymaths.co.uk/326-homework/cosine-rule-angles">https://app.mymaths.co.uk/326-homework/cosine-rule-angles</a>	(Higher Only)
<a href="https://app.mymaths.co.uk/327-homework/trig-area-of-a-triangle">https://app.mymaths.co.uk/327-homework/trig-area-of-a-triangle</a>	(Higher Only)

**VECTORS : Higher and Foundation**

Topic	Video Link	Questions Link	Answers Link
Column vectors			
Vector notation			

**MyMaths progression tasks**

<a href="https://app.mymaths.co.uk/332-homework/vectors-1">https://app.mymaths.co.uk/332-homework/vectors-1</a>
<a href="https://app.mymaths.co.uk/333-homework/vectors-2">https://app.mymaths.co.uk/333-homework/vectors-2</a>