

SUBJECT Maths

TERM Autumn first half

YEAR GROUP
8 Academic / Express Level

CONTEXT
This activity fits in unit 3 in the year 8 programme of study.

OBJECTIVE
Understanding how Pythagoras can be used in equilateral triangles to work out the perpendicular height

ASSESSMENT
Teacher

TASK

Follow this link and complete activity 3.3

<http://www.cimt.plymouth.ac.uk/projects/mepres/book8/y8s3act.pdf>

RESOURCES
attached as hyperlinks

EXAMPLE/MODEL

To calculate the perpendicular height of an equilateral triangle with side length 6cm, first split the triangle in to two right-angled triangles, then use Pythagoras to work out the missing side.

CONTACT
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