# angles

## Year 6 maths

### Australian curriculum Learning objectives

* [ACMMG141](http://www.australiancurriculum.edu.au/Curriculum/ContentDescription/ACMMG141)[[1]](#footnote-1): Investigate, with and without digital technologies, angles on a straight line, angles at a point and vertically opposite angles. Use results to find unknown angles.

### Resources required

* [Angles](http://www.brainpop.com/math/geometryandmeasurement/angles/)[[2]](#footnote-2) (duration: 2.11) captioned video plus facilities to view this. Click CC to switch on captions and click the four-way arrow button to maximise screen.
* [Hitting the target[[3]](#footnote-3)](http://www.hittingthetarget.com/hittingthetarget.php)
* [Investigating angles and the use of protractors[[4]](#footnote-4)](http://www.amblesideprimary.com/ambleweb/mentalmaths/protractor.html)
* [Worksheet 1](http://www.capthat.com.au/sites/default/files/Angles%20worksheet%201.docx)[[5]](#footnote-5)
* [Worksheet 2](http://www.capthat.com.au/sites/default/files/files/Angles%20worksheet2.docx)[[6]](#footnote-6)

Lesson outcome: Students develop their understanding of angles and learn how angles are measured.

#### Lesson outline:

1. Teacher opens the lesson with discussion about angles.
2. Students work through ‘Hitting the Target’interactive on computers or iPadsand gain practise working with angles*.*
3. Class views *Angles* video.
4. Class discussion about the various types of angles and how to measure them.
5. Teacher uses large protractor on board to demonstrate same to the class.
6. Students use individual protractors and complete Worksheet 1 and Worksheet 2.
7. Students revisit *Angles* video and explore other activities.

### Opportunity for further activity

Students work through ‘Investigating angles and the use of protractors’ interactiveusing computers or iPads to reinforce their knowledge.

1. <http://www.australiancurriculum.edu.au/Curriculum/ContentDescription/ACMMG141> [↑](#footnote-ref-1)
2. <http://www.brainpop.com/math/geometryandmeasurement/angles/> [↑](#footnote-ref-2)
3. <http://www.hittingthetarget.com/hittingthetarget.php> [↑](#footnote-ref-3)
4. <http://www.amblesideprimary.com//ambleweb/mentalmaths/protractor.html> [↑](#footnote-ref-4)
5. <http://www.capthat.com.au/sites/default/files/Angles%20worksheet%201.docx> [↑](#footnote-ref-5)
6. <http://www.capthat.com.au/sites/default/files/files/Angles%20worksheet2.docx> [↑](#footnote-ref-6)