

Hi Year 6, Miss Farrah here again. I hope you enjoyed learning about angles last week. You are going to continue working with properties of shapes this week. Angles in special triangles, angles in a quadrilateral and angles in regular polygons. You will then be drawing nets of some 3d shapes. All resources are attached to the blog post. Parents - we have included answers too.

### **Monday 8<sup>th</sup> June**

- 1) We are going to kick start the week with a mental maths activity. There are 2 versions of the mental test, a full booklet and a paper saving version. It is always a good idea to show some of your method, so if you use the paper saving version, jot your calculations on a piece of paper.
- 2) Once you have completed the mental maths activity, ask your adult to check the answers for you. Try to go back and see where you went wrong; could you get it right if you tried it again?
- 3) Now got to BBC Bitesize to revise types of triangles  
<https://www.bbc.co.uk/bitesize/topics/zvmxsbk/articles/zggsfrd>
- 4) Activity 2 – create a poster that shows all the different types of triangles. This will help you tomorrow.

### **Tuesday 9<sup>th</sup> June**

L.O: to calculate missing angles in the different types of triangles.

- 1) Click the link to load the lesson video. <https://vimeo.com/403441389>
- 2) Work your through the lesson, pausing when necessary to complete the various steps.
- 3) When prompted, use activity 1 to complete your work for today. Ask an adult to check your work with the activity 1 answer sheet.
- 4) Like to do more? Have a go at the extra challenge problems.
- 5) Ask an adult to help you check your answers.

### **Wednesday 10<sup>th</sup> June**

L.O: To calculate angles in special quadrilaterals.

- 1) Click the link to load the lesson video. <https://vimeo.com/403441636>
- 2) Work your through the lesson, pausing when necessary to complete the various steps.
- 3) When prompted, use activity 1 to complete your work for today. Ask an adult to check your work with the activity 1 answer sheet.
- 4) If you want an extra challenge, have a go at the angles in quadrilaterals loop card activity.

### **Thursday 11<sup>th</sup> June**

L.O: to calculate angles in regular polygons.

- 1) Click the link to load the lesson video. s <https://vimeo.com/405761459>
- 2) Work your way through the lesson, pausing when necessary to complete the various steps.
- 3) When prompted, use activity 1 to complete the work for today. Ask an adult to check your work with the activity 1 answer sheet.
- 4) If you'd like an extra challenge, have a go at the 2 problems on the challenge sheet. Ask an adult to check them for you, using the answer sheet.
- 5) Try the 2 polygon quizzes on BBC Bitesize.  
<https://www.bbc.co.uk/bitesize/topics/zvmxsbk/articles/z98n4qt>

### **Friday 12<sup>th</sup> June**

L.O: to recognise and draw nets of 3D shapes.

- 1) Start by watching the following clip:  
<https://www.youtube.com/watch?v=SwDjm6Ra1W4&feature=youtu.be>
- 2) Now you have seen some 3D nets, have a go at activity 1.
- 3) When you have finished, ask your adult to check your answers, using the answer sheet.
- 4) Now try to create some nets of your own, using paper. You could send some photos to your teacher.