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| Year 10/11 | Strand: Shape | Element: Angles | Teacher: ZAF |

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| **Title** | Angles |
| **Hours** | 1 to 2 lessons |
| **Aims** | See the learning journey statements at the bottom of this form |
| **Pedagogy** | * Problem Solving/ MAP Concept lesson/ Assessment/ Standards Unit/ CAME/ Investigation/**GCSE revision**
* (Underline/highlight the pedagogy)
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| **Activity****(details)** | Starter - Build up a mindmap of everything the pupils remember about sequences. Get them to copy this onto a revision card or into their books before trying the rest of the lesson.Main - Angles GCSE questions, these have been taken from Foundation and Higher papers so you can choose which to print depending on the spread of your class. Do make sure that you include some that are a little bit harder than you think they can handle, they might surprise you! These need to be cut up and given to pupils to sort into piles of questions that they can and can’t do. This will give them a chance to assess their grades and link back to the learning journey.Plenary – get them to grade themselves using their LJ and to transfer this grade onto their assessment card. You might use this LJ from a previous lesson already glued into their books. If this is the case try to get pupils to annotate their LJ with dates and using a different coloured pen.  |
| **YEAR 10/11** | **These statements come from the learning journey** |
| **A** |  |
| **B** | * Find angles in circles using circle theorems
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| **C** | * I can solve multi-step problems involving interior / exterior angles of regular polygons.
* I can do calculations that use bearings
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| **D** | * I can find alternate/corresponding angles, given two parallel lines.
* I can calculate the sum of the interior angles of polygons.
* I can calculate the size of an interior angle of a regular polygon.
* Given the exterior angle of a regular polygon I can calculate the number of sides.
* I can draw bearings
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| **E** | * I know the sum of the interior angles of a triangle and a quadrilateral.
* I can calculate missing angles in triangles and quadrilaterals
* I can use bearings
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| **F** | * I can work out the size of missing angles at a point
* I can work out the size of missing angles on a straight line
* I can draw and measure angles
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| **G** | * I can distinguish between acute, obtuse, reflex and right angles.
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| Reflections/comments – Please include details of: |
| Date | Teacher | Class  | How you adapted the lesson | www/ebi |
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