

Maths Workout - Geometry & Measures

Topic 4 - Rotational Symmetry				
Target 1	Target 2	Target 3	Target 4	
<i>Engage with rotational symmetry in nature, geometry, patterns and kaleidoscopes</i>	<i>Identify the order of rotational symmetry</i>	<i>Complete a pattern with rotational symmetry</i>	<i>Complete a pattern with rotational symmetry</i>	
1. Engage with rotational symmetry in nature	1. Identify the order of rotational symmetry for a polygon	1. Engage with a pattern with rotational symmetry order 2	1. Complete a multi-colour line pattern with rotational symmetry order 3	
2. Engage with rotational symmetry in nature	2. Identify the order of rotational symmetry for a polygon	2. Complete a single colour pattern with rotational symmetry order 2	2. Complete a single colour line pattern with rotational symmetry order 3	
3. Engage with rotational symmetry by observing a simplified snowflake rotate around its centre	3. Identify the order of rotational symmetry for a polygon	3. Complete a single colour pattern with rotational symmetry order 2	3. Complete a multi-colour pattern with rotational symmetry order 4	
4. Engage with rotational symmetry by observing a regular pentagon rotate	4. Identify the order of rotational symmetry for geometric shape	4. Complete a multi-colour pattern with rotational symmetry order 2	4. Complete a single colour pattern with rotational symmetry order 4	
5. Engage with rotational symmetry by observing a regular octagon rotate around its centre	5. Identify the order of rotational symmetry for geometric shape	5. Complete a multi-colour pattern with rotational symmetry order 2	5. Complete a multi-colour line pattern with rotational symmetry order 6	
6. Engage with rotational symmetry by observing a design rotate around its centre	6. Identify the order of rotational symmetry for geometric shape	6. Complete a multi-colour pattern with rotational symmetry order 2	6. Complete a single colour line pattern with rotational symmetry order 6	
7. Engage with rotational symmetry by changing criteria on a kaleidoscope				