



Key Stage 3 progress grid

Subject Maths **Year** 9 **Topic / skill area** Geometry

Trajectory	I am able to.....
T9, T8	<input type="checkbox"/> Apply Pythagoras in 3D
T7	<input type="checkbox"/> Use trigonometry in 30,60 and 90 triangles <input type="checkbox"/> Apply Pythagoras to multistep problems <input type="checkbox"/> Identify when to use Pythagoras <input type="checkbox"/> Describe transformations using mathematical terminology
T6	<input type="checkbox"/> Calculate the length of a shorter side using Pythagoras <input type="checkbox"/> Identify what type of transformation has been performed
T5, T4	<input type="checkbox"/> Calculate the length of the hypotenuse using Pythagoras <input type="checkbox"/> Perform a rotation from a point
T3	<input type="checkbox"/> Perform a rotation with no centre <input type="checkbox"/> Identify where a mirror line is
T2, T1	<input type="checkbox"/> Reflect shapes in given mirror lines <input type="checkbox"/> Translate shapes following worded instructions



Progress