

Name:

Room:

My Timetable
Shape Tasks (Complete at least 6)
Transformation Tasks (Complete at least 6)
Position and Orientation Tasks (Complete at least 6)
My Assessment Rubric
Evaluation



Learning Intentions: **Highlight** the ones you have met and understood. Once you have gone through the lesson, do the associated task by logging into Myimaths.

Level 3	Level 4	Level 5
I can name a 2D shape	I can identify and name angles	I can calculate missing angles using angle reasoning
I understand parallel and perpendicular lines	I can measure angles	I can construct a perpendicular line
I can describe features of 2D shapes	I can construct a triangle	I can use the Pythagoras rule
I can describe features of 3D shapes	I can calculate missing angles	I can use Trig ratios (SOHCAHTOA)
I can draw a net for a given object	I can use coordinates to locate shapes	I can understand similar figures and scale factors
I can use scale to calculate distance	I can use compass bearings to locate places	I can understand and draw vectors
I can complete a drawing of a 3D shape	I can use reflective symmetry	I can calculate the sum of angles in a polygon
I can draw lines of symmetry	I can use rotational symmetry	I can calculate missing angles 1
I can use reflection	I understand enlargements	I can calculate missing angles 2
I can translate shapes		
I can describe the angle and direction of rotated shapes		
I can find the scale of enlargement		
I can draw enlargement given a scale factor		
I can describe how a pattern was created		
I can complete a tessellation		

Myimaths login: **takapuna1** password: **measurement**

TIMETABLE (timetable all your tasks for the week)

Teacher workshop:	Teacher workshop:	Teacher workshop:	Teacher workshop:	Teacher workshop:
Follow up:	Follow up:	Follow up:	Follow up:	Follow up:
Task/s:	Task/s:	Task/s:	Task/s:	Task/s:
Teacher workshop:	Teacher workshop:	Teacher workshop:	Teacher workshop:	Teacher workshop:
Follow up:	Follow up:	Follow up:	Follow up:	Follow up:
Task/s:	Task/s:	Task/s:	Task/s:	Task/s:

You must complete at least **6 Shape** tasks, **6 Transformation** tasks and **6 Position** tasks that relate directly to your gaps from the Geometry Pretest.

SHAPE Tasks (Complete at least 4)	Tools	Finished
<i>L.2: LI: I can describe features of 2D and 3D objects.</i>		
IXL: What 2D shape is being described?	Record what the activity was in your maths book.	
IXL: Names and bases of 3D shapes.	Record what the activity was in your maths book.	
Naming and describing features of 2D shapes Video tutorial Poster of shape names and features	Record what the activity was in your maths book.	
AWS: Naming and Drawing 2D shapes	Record what the activity was in your maths book.	
Naming and describing features of 3D shapes Poster of shape names and features	Record what the activity was in your maths book.	
Name and describe 2D and 3D shapes	Record what the activity was in your maths book.	
<i>L.2: LI: I can make 3-D models.</i>		
FIO: Post It!	Record what the activity was in your maths book.	
<i>L.3: LI: I can model and describe 3-D objects.</i>		
Naming and describing features of 3D shapes Poster of shape names and features	Record what the activity was in your maths book.	
<i>L.3: LI: I can make and design nets (polyhedron).</i>		

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Which nets will make a cube?	Record what the activity was in your maths book.	
IXL: Nets of 3D shapes. Refer to this for extra help	Record what the activity was in your maths book.	
L.3: LI: I know the symmetry and angle properties of polygons.		
Angles: How to measure an angle (youtube) IXL: Types of Angles. IXL: Acute, Obtuse, Right or Straight Angles?	Record what the activity was in your maths book.	
Measuring angles with a protractor (youtube) IXL: Measure angles with a protractor	Record what the activity was in your maths book.	
L.4: LI: I can design and make nets to a specified dimension.		
Paper models of Polyhedra	Record what the activity was in your maths book.	
L.4: LI: I can model and describe 3-D shapes shown in diagrams and pictures.		
FIO: L3/4: Cube Creations	Record what the activity was in your maths book.	
L.4: LI: I can use symmetry and angle properties to solve practical problems.		
	Record what the activity was in your maths book.	
L.4: LI: I can use rulers, compasses and protractors accurately.		
IXL: Measure angles with a protractor. IXL: Measure angles with a protractor.	Record what the activity was in your maths book.	

TRANSFORMATION Tasks (Complete at least 4)	Tools	Finished
L2: LI: I can translate, rotate and reflect and use the language		
Reflective Symmetry	Record what the activity was in your maths book.	
AWS: Introducing Reflections	Record what the activity was in your maths book.	

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AWS: Creating reflection patterns	Record what the activity was in your maths book.	
AWS: Introducing Rotation	Record what the activity was in your maths book.	
AWS: Translations	Record what the activity was in your maths book.	
AWS: Reflections	Record what the activity was in your maths book.	
L3: LI: I can describe, use and make patterns using translation, rotation, and reflection		
Using Translation	Record what the activity was in your maths book.	
L3: LI: I can identify and use invariant properties under transformations (reflection, rotation, translation or enlargement)		
Growing UP and Down!	Record what the activity was in your maths book.	

POSITION AND ORIENTATION Tasks (Complete at least 4)	Tools	Finished
L.2: LI: I can describe and explain position using direction (compass points) and distance language.		
Compass Points	Record what the activity was in your maths book.	
Pirate Island	Record what the activity was in your maths book.	
Going Shopping	Record what the activity was in your maths book.	
L.3: LI: I can identify location using bearing (compass points) or grid references.		
BBC Bitesize: KS2: Grids (read the info, then play the game)	Record what the activity was in your maths book.	
Hidden Ships	Record what the activity was in your maths book.	
FIO L3: Fun Run	Record what the activity was in your maths book.	
L.3: LI: I can interpret points/lines on a plane.		

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L.4: LI: can draw and explain simple scale maps using compass directions and grid references.		

MY ASSESSMENT RUBRIC

	Needs Improvement (1pt)	Satisfactory (3pts)	Good (6pts)	Exceeds (10pts)
Self Managing	I was not able to organise my time	I was able to complete some tasks I organised	I completed most tasks and was able to organise my time	I was able to timetable myself to complete tasks on my own and with other people.
Analysis of test and Tasks	I was not able to choose suitable tasks for my level	I needed some help to understand what I needed to do	I was able to identify what I needed to learn	I was able to identify what I needed to learn and I was able to help others with their learning
Completion of tasks	I had difficulty completing shape, transformation and position tasks	I was able to complete some shape, transformation and position tasks correctly most times	I completed my task quota of shape, transformation and position tasks correctly	I completed my task quota plus some extra tasks of shape, transformation and position tasks correctly
Technological skills	I need help to work on computers and iPads	I can find most things and do most things on the computer and iPad	I can find what I need and use the applications	I can find what I need and use the applications and help others to do so
Tessellation task	I was not able to come up with a design that tessellated	I was able to make a start on my tessellation task	I was able to use my knowledge of shape and transformation to create a tessellation	I used my knowledge of shape and transformation to complete all tessellation tasks

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EVALUATION

My total score was....	
What could I have done better?	
What do I need help with?	
What was my favourite task and why?	
What did I do the best in?	

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