

# Australian Curriculum – Measurement & Geometry

At the end of this document you will find a sample of labyrinths whose designs are based on either curves or angles. They lend themselves ideally to the descriptors associated with measurement, length, turn, shape, angle size and comparison, classification and ordering.

## Foundation Year Content Descriptions

### Using units of measurement

Use direct and indirect comparisons to decide which is longer,

### Location and transformation

Describe position and movement

## Year 1 Content Descriptions

### Using units of measurement

Measure and compare the lengths and capacities of pairs of objects using uniform informal units

### Location and transformation

Give and follow directions to familiar locations

## Year 2 Content Descriptions

### Using units of measurement

Compare and order several shapes and objects based on length,

### Shape

Describe and draw two-dimensional shapes, with and without digital technologies

### Location and transformation

Identify and describe half and quarter turns

## Year 3 Content Descriptions

### Using units of measurement

Measure, order and compare objects using familiar metric units of length

### Geometric reasoning

Identify angles as measures of turn and compare angle sizes in everyday situations

## Year 4 Content Descriptions

### Using units of measurement

Use scaled instruments to measure and compare lengths

### Shape

Compare the areas of regular and irregular shapes by informal means

### Geometric reasoning

Compare angles and classify them as equal to, greater than, or less than, a right angle

## Year 5 Content Descriptions

### Using units of measurement

Choose appropriate units of measurement for length, area,

### Geometric reasoning

Estimate, measure and compare angles using degrees.



## Year 6 Content Descriptions

### Using units of measurement

Solve problems involving the comparison of lengths

### Geometric reasoning

Investigate, with and without digital technologies, angles on a straight line, angles at a point and vertically opposite angles. Use results to find unknown angles

## Year 7 Content Descriptions

### Geometric reasoning

Classify triangles according to their side and angle properties

Demonstrate that the angle sum of a triangle is  $180^\circ$

<https://www.australiancurriculum.edu.au/f-10-curriculum/mathematics/>



Sources:

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Sources:

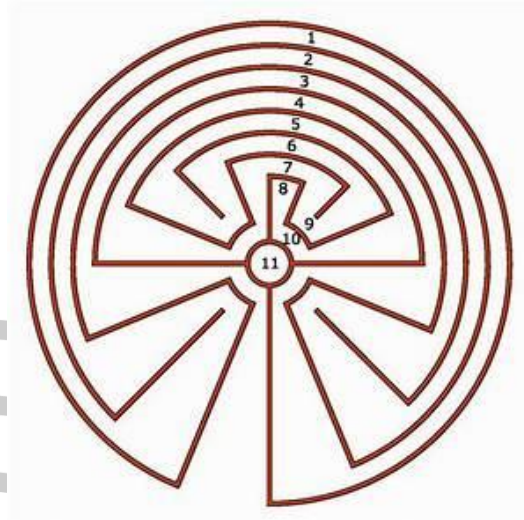
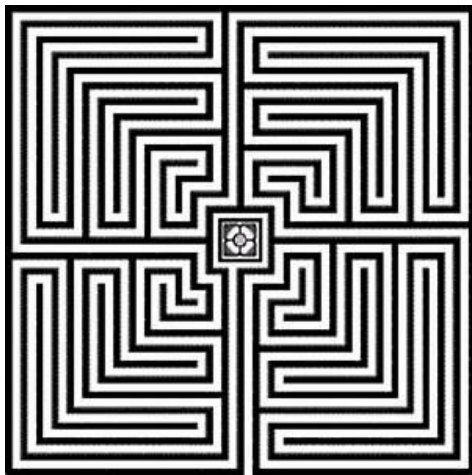
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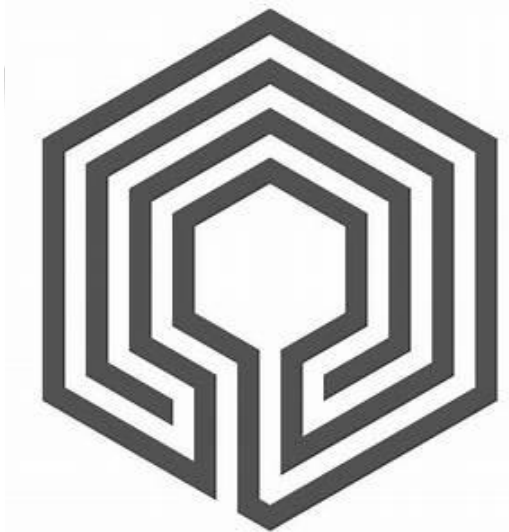




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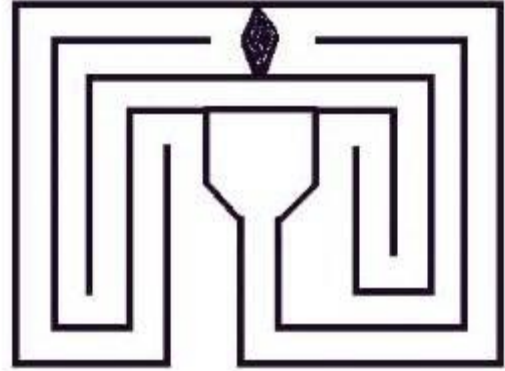
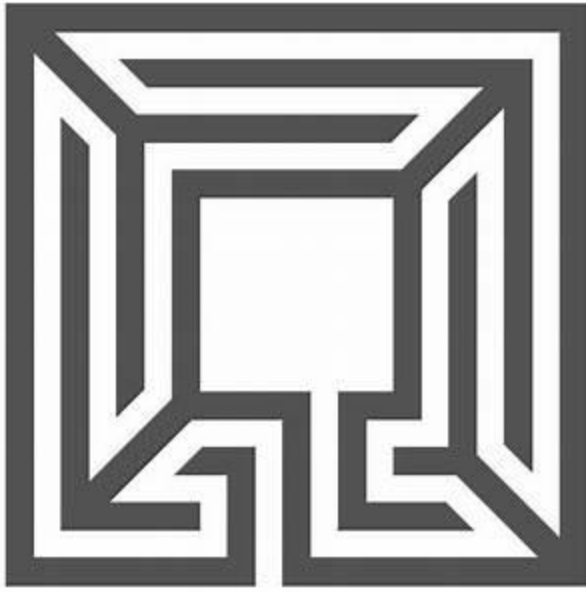


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<https://www.pinterest.com.au/jo5541/prayer-labyrinth/>

