

Max's Geometric Garden Design

Learning objective: To identify and draw 2D shapes and describe their properties, including sides and vertices.

Max the monkey is helping design a new community garden. Use your ruler to draw the shapes requested below to help him build his garden paths and flower beds.

Draw: Draw a large rectangular garden plot. Inside the plot, draw a square path in the centre. Add a triangular flower bed in one corner, a pentagon-shaped shed in another, and a hexagon-shaped pond near the edge. Use clean, straight lines for all shapes. Add some simple grass or flower decorations around your shapes to make the garden look inviting.



Label words: Square · Rectangle · Triangle · Pentagon · Hexagon · Vertex · Side · Right angle

Steps:

1. Draw a flower bed in the shape of a hexagon. Label one vertex and one side on your drawing.
2. Draw a rectangular pond. How many right angles does a rectangle have?
3. Draw a triangle that has three sides of equal length. What is the name of this type of triangle?
4. Draw a square path. How many vertices does a square have?
5. Draw a pentagon-shaped shed. How many sides does a pentagon have?