

Mastering Area and Perimeter with Max the Monkey

Max the Monkey's Measurement Mission: Solve the Space Around and the Space Inside!

- **Perimeter** is the total distance around the outside of a 2D shape. You calculate it by adding the lengths of all the sides together.
- **Area** is the amount of surface a shape covers. For a rectangle, you can calculate the area by multiplying the length by the width.
- A **rectilinear shape** is a polygon where all the angles are right angles. You can find its area by splitting it into smaller rectangles.
- **Perimeter** is measured in units of length, such as centimetres (cm) or metres (m).
- **Area** is measured in square units, such as square centimetres (cm²) or square metres (m²).
- **Remember:** Two shapes can have the same perimeter but completely different areas! Always check your measurements carefully.

Did you know? Did you know? The ancient Egyptians used geometry to measure their fields after the River Nile flooded each year. They needed to calculate the area of their land accurately to ensure everyone had a fair share for growing crops!

Key vocabulary: Perimeter · Area · Rectilinear · Centimetres · Square metres · Dimensions · Formula