

# Our Learning Keys

## Length and Perimeter

Maths

Year 4

Spring

Weeks 4-5

### Questions

What unit of measure would you use to measure...?  
Why?

Which is greater ...km or ....m?

What is the same and what is different about  
converting km to m and m to cm?

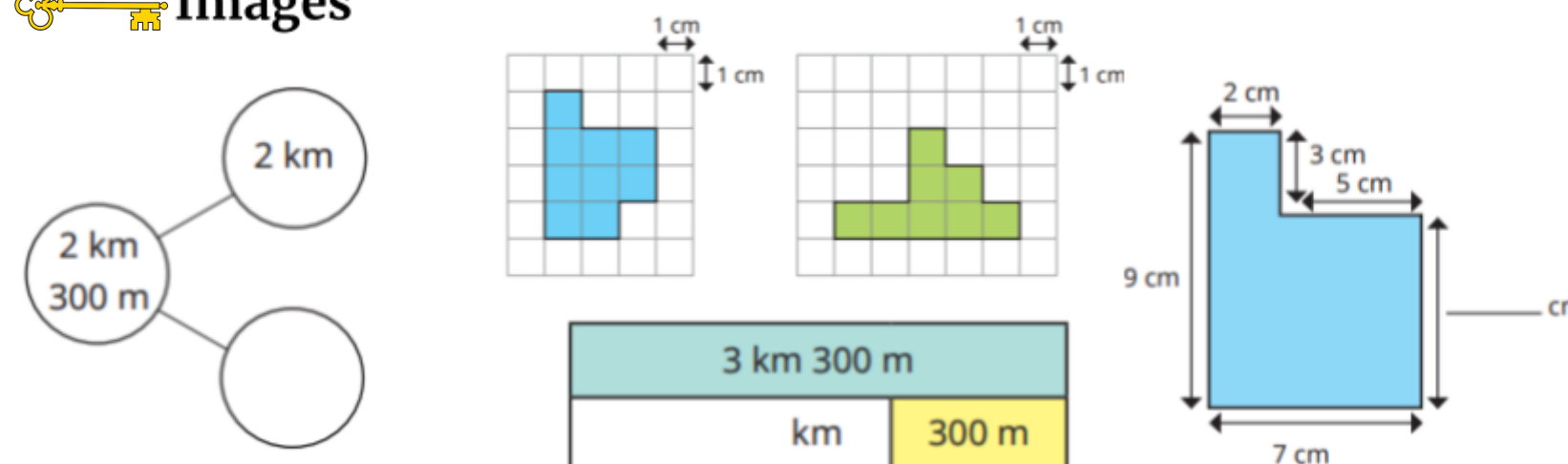
What does perimeter mean?

Can two different shapes have the same perimeter?

If you know the length and width of a rectangle, do  
you need to measure/label every side?

How many different ways can you measure the  
perimeter of this rectangle?

### Images



### Facts

- ☐ Measure in kilometres and metres
- ☐ Equivalent lengths (km and m)
- ☐ Perimeter on a grid
- ☐ Perimeter of a rectangle
- ☐ Perimeter of rectilinear shapes
- ☐ Find missing lengths in rectilinear shapes
- ☐ Calculate the perimeter of rectilinear shapes
- ☐ Perimeter of regular polygons
- ☐ Perimeter of polygons
- ☐
- ☐
- ☐

Previously...

In Year 3, children will have calculated  
perimeter and measured in m, cm and  
mm.

Year 4

Length and  
Perimeter

Next...

In Year 5, children will look at perimeter  
and area together.

### Links

Art and DT:  
design plans

Geography:  
Field trip:  
mapping areas.

Doors this will open...

Construction

Surveying

Architecture

Engineering



### Vocabulary

Kilometres, metres,  
greater/less than,  
perimeter, rectilinear,  
rectangles, squares,  
pentagons, hexagons,  
septagons, octagons,  
nonagons, decagons