Crosby Primary School

Mathematics Medium Term Plan

Year 5 Spring Term Unit 7 Area

R2P: 5G-2, 5NF-1, 5NF-2

NC:
Calculate and compare the area of rectangles (including squares), and including standard units (cm2, m2).
Estimate the area of irregular shapes.

Focus: Area

Time: 1 week

Concept Sequence

Recap count squares to find the area of rectangles.

Use a formula to find the area of rectangles. Explore squares as types of rectangles, when looking at what sides rectangles with a specific area could have.

Area of compound shapes. Split shapes in different ways to show the area is the same. Draw shapes. May need to recap finding missing lengths as a separate step.
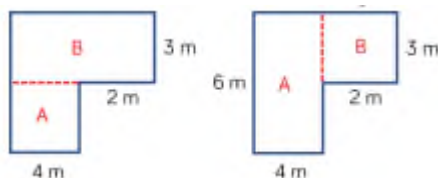
Estimate area - Area of irregular shapes – use counting squares to estimate. Annotate to avoid repetition when counting.

Times Tables 4NF-1, 5NF-1

Consolidate and practice all multiplication and division facts to 12x12 – any order, missing numbers, fractions.

Use multiplication and division facts to derive associated facts.

Develop multiplicative reasoning - links between multiplication, division and fractions.

Resources

Counting Stick, cm squared paper, ruler, metre sticks
Gordons Maths Games, Mathletics, TTRockstars
BBC Super Movers
https://www.bbc.co.uk/teach/supermovers/ks2-collection/zr4ky9q

Vocabulary

Measure, measurement
cm, m, cm2, m2
width, length, breadth, side
edge, perimeter
are, covers
ruler, metre stick, tape measure
Multiply, multiplied by
Inverse
Names of 2D shapes – regular and irregular
Rectilinear
Compound shape

Planning Links

Maths No Problem/Aspire Maths
White Rose Scheme of Work:
https://assets.whiterosemaths.com/new-schemes/Year%205%20Spring%20Block%204%20SOL%20Perimeter%20and%20area.pdf