



Year 2 Spring Term Unit 3 Length and Height

Focus: Length and Height

Time: 2 weeks

NC

Choose and use appropriate standard units to estimate and measure length/height in any direction (cm/m) to the nearest appropriate unit, using rulers.

Compare and order lengths and record using $>$, $<$ and $=$.

Concept Sequence

Measure length cm – Measure to nearest cm using ruler/tape. Measure length/height and focus on meaning of 0 (not the end).

Measure length m – Measure larger objects, discuss is it better to us cm or m. Don't convert from m to cm yet, but need to see that $100\text{cm} = 1\text{m}$. Write using mixed units.

Compare lengths and heights – Use comparison language and symbols. Use same unit of length. Need to know m are longer than cm.

Order lengths and heights – order more than two lengths from shortest/longest (reinforce ordering numbers). Order lengths as well as objects be measuring. Use vocabulary to describe.

Four operations with length and heights - Problem solving with length - solve one-step and two-step problems relating to length, use concrete and pictorial representations to calculate.

Resources

Ruler, tape, metre stick, non-standard units

Gordons Maths Games, Mathletics, TTRockstars, BBC Super Movers:

<https://www.bbc.co.uk/teach/supermovers/ks1-maths-collection/z6v4scw>

Existing Vocabulary

Measure, measurement

Size, compare

Guess, estimate, roughly, enough, not enough

Too much, too little, too many, too few

Nearly, close to, about the same as

Just over, just under, same

Centimetre, Metre, metre stick

Length, height, width, depth

Long, short, tall

High, low

Wide, narrow

Thick, thin

Longer, shorter, taller, higher.....

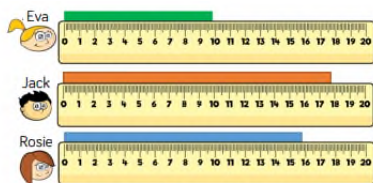
Longest, shortest, tallest, highest....

Far, near, close

New Vocabulary

Measuring scale,

Further, furthest, tape measure



_____ has the longest ribbon.
 _____ has the shortest ribbon.
 _____'s ribbon is shorter than _____'s.
 _____'s ribbon is longer than _____'s.

Planning Links

Maths No Problem/Aspire Maths/Power Maths
 White Rose Scheme of Work:

<https://assets.whiterosemaths.com/new-schemes/Year%202%20Spring%20Block%203%20SOL%20Length%20and%20height.pdf>

Times Tables 2MD-1

5x table - Recall multiples, missing numbers, division

55 cm + 10 cm ○ 55 cm - 10 cm
 42 m + 6 m ○ 42 m + 7 m
 6 cm - 5 cm ○ 6 m - 5 m
 80 m - 5 m ○ 70 m + 5 m