## **Number and Place Value**

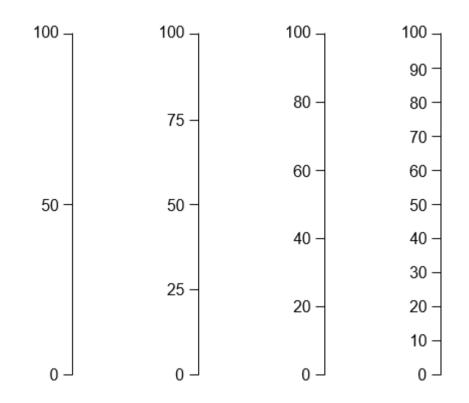
Year 3

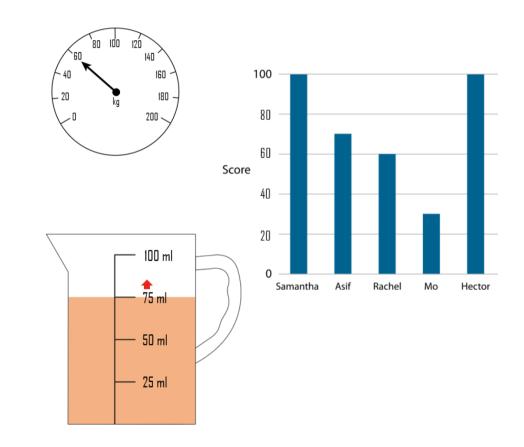
Reading Scales with 2, 4, 5, or 10 intervals

### Vocabulary:

Intervals Scales Divisions Equal Parts Whole Value

Bar model Plus Minus Multiply Divide





Count using these intervals in both horizontal and vertically linear scales.

Find the value of a scale with missing numbers and read scales with numbers included in a variety of contexts.

## **Number and Place Value**

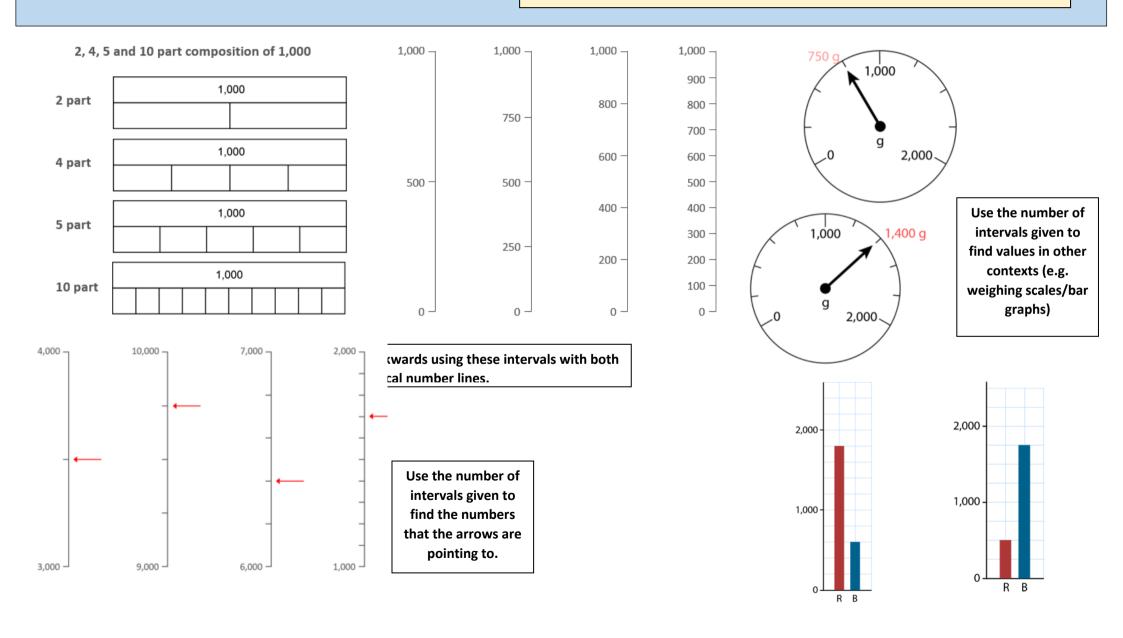
### Year 4

Reading scales with intervals of 2, 4, 5 or 10.

### Vocabulary:

Intervals Scales Divisions Equal Parts Whole Value

Bar model Plus Minus Multiply Divide Bar graph Grams



#### **Number and Place Value** Vocabulary: Year 5 **Equal Parts** Intervals Scales **Divisions** Whole Value Reading Scales with 2, 4, 5, or 10 intervals Bar model Plus Multiply Millilitres Minus Divide Grams Litres Estimate Grams **Kilograms** Centimetres Metres 2, 4, 5 and 10 part composition of 1 0.9 1 2 part 0.8 0.8 0.75 0.7 Use the number of 0.6 0.6 4 part intervals given to 0.5 0.5 0.5 find values in other 0.4 0.4 contexts (e.g. 5 part 0.3 weighing scales/bar 0.25 graphs) 0.2 0.2 0.1 -10 part 1.6 litres 0 -0 -0 -0 -1.75 kg Identify intervals and count forwards/backwards using these intervals with both bar models and vertical number lines. 10 -1.9 George 6.8 1.8 1.5 m 9.75 1.7 1.25 m Height of Eden 6.6 sunflower 1.6 1 m Use the number of in metres 0.75 m 3.5 9.5 1.5 intervals given to Harriet 0.5 m 6.4 1.4 find the numbers Poppy that the arrows are 1.3 9.25 Distance jumped in metres pointing to. 6.2 1.2 Tom Jo Lucy 1.1 -9 -

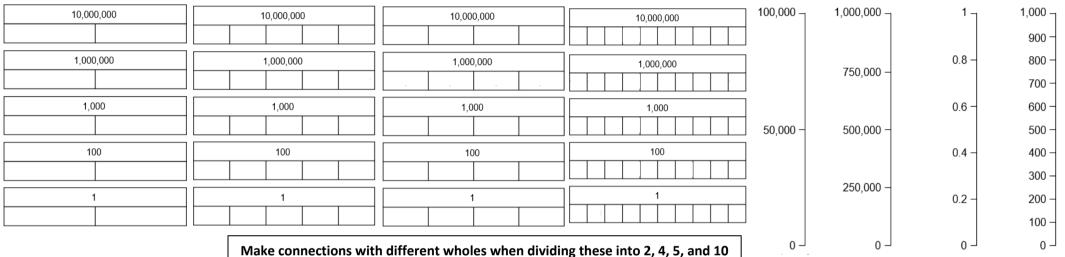
### **Number and Place Value**

### Year 6

# Reading Scales with 2, 4, 5, or 10 intervals

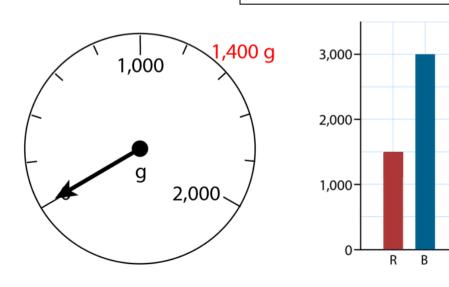
### Vocabulary:

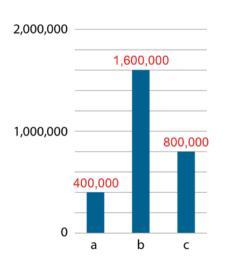
Ones Tens Hundreds Thousands Ten-thousands Hundred-thousands Millions Ten-Millions Hundredths **Tenths** Represents Digit Place Value Intervals Scales Divisions **Equal Parts** Whole Value Bar model Plus Multiply Minus Divide Grams Millilitres Litres Kilograms Metres Grams Centimetres **Estimate** 



Make connections with different wholes when dividing these into 2, 4, 5, and 10 equal parts.

Identify intervals and count forwards/backwards using these intervals with both bar models and vertical number lines.





Use the number of intervals given to find values in other contexts (e.g. weighing scales/bar graphs)