

**National curriculum objectives:**

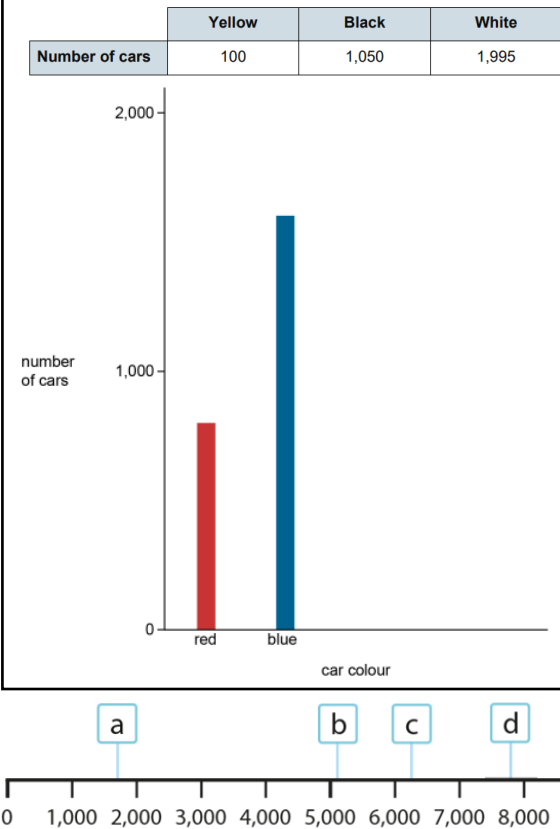
- count in multiples of 6, 7, 9, 25 and 1000
- find 1000 more or less than a given number
- count backwards through zero to include negative numbers **including temperature**
- recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)
- order and compare numbers beyond 1000
- identify, represent and estimate numbers using different representations
- round any number to the nearest 10, 100 or 1000

**Key Vocabulary**

**number**, numeral  
**zero**, none, nought  
**count**, count (up) to, count on (from, to), count back (from, to)  
**equal to**, equivalent to, is the same as, more, less, most, least  
**odd**, even  
**multiple of**, factor of  
**sequence**, continue, predict pattern, pair, rule, relationship next, consecutive  
**> greater than**, < less than, more, larger, bigger, greater fewer, smaller, less  
 fewest, smallest, least  
 most, biggest, largest, greatest  
**positive**, negative, above/below zero, minus, negative numbers  
**place**, place value stands for, represents  
**exchange**  
**compare**, order  
**last**, last but one, before, after next, between, halfway between

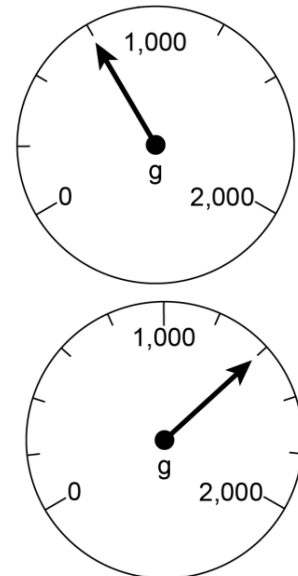
**Possible assessment questions:**

The bar chart shows the number of red and blue cars that passed a school in one day.  
 a. Estimate the number of red and blue cars that passed the school on this day.  
 b. Estimate the number of blue cars that passed the school on this day.  
 c. Add the following data for other coloured cars to the bar chart.

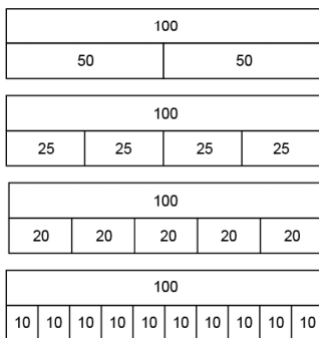


- How many 100g servings of rice are there in a 2,500g bag?
- One large desk costs a school £100. How much will 14 large desks cost?
- My school field is 100m long. How many times do I have to run its length to run 3km?

What is the reading on each of these scales?

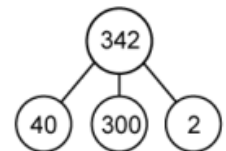
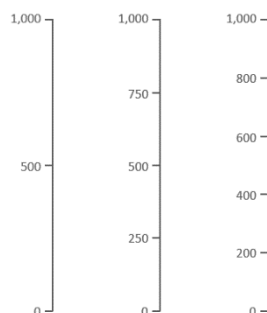


**Key representations:**



Bar models showing 100 partitioned into 2, 4, 5 and 10 equal parts.

Landmarked and empty number lines.



Gattegno chart  $5,342 = 40 + 2 + 5,000 + 300$

1,000	2,000	3,000	4,000	5,000	6,000	7,000	8,000	9,000
100	200	300	400	500	600	700	800	900
10	20	30	40	50	60	70	80	90
1	2	3	4	5	6	7	8	9