**CITIZENSHIP SLIDES – MATHS PROBLEMS**

**Advice for students and teachers**

**A ‘Maths problem’ connected to the ‘Statistic of the Day’ has been added to the Citizenship slides as an opportunity for cross-curricular numeracy. These Maths problems test the skills below individually or in combination:**

* **Addition** – adding one or two numbers together.
* **Subtraction** – subtracting one or two numbers from another.
* **Multiplication** – one number times another, sometimes multiplied by a third number.
* **Division** – Dividing one number by another.
* **Percentages** – a number or ratio expressed as a fraction of 100 in calculations. E.g. to find 20% of 340, the calculation can be: 340 x 20 ÷100 = 68
* **Ratios** - comparing two or more quantities e.g. costs, weights and sizes. For example, 2:3 is a ratio, which means for every two parts of one thing, there are three parts of another. Note that ratios do not have units. To find a ratio: divide the bigger number by the smaller number – e.g. If something is 150 kg and another is 25kg: 150÷25=6 so the ratio is 1:6.