Understanding the Mastery of Mathematics

Reasoning (R) or Green Maths

What does it mean?

Reasoning is the skill of explaining.

What does it look like in Year 6? – *We use our reasoning every day!*

**On a digital clock showing 24-hour time, over a whole day, how many times does a 5 appear?**

**Is it the same number for a 12-hour clock over a whole day?**



**Explain the information you used to calculate x and y. How did this help?**

What would happen if we doubled the numbers?

36 ÷ 6 = 6

72 ÷ 12 = 6

144 ÷ 24 = 6

288 ÷ 48 = 6

 