

# PAINTING THE WORLD BY NUMBERS

A central globe is depicted, its surface covered with a dense pattern of numbers from 0 to 9. The numbers are rendered in various colors, including red, orange, yellow, green, blue, and purple, creating a vibrant, multi-colored effect. The globe is set against a white background. Surrounding the globe is the text "PAINTING THE WORLD BY NUMBERS" in a bold, black, sans-serif font. The text is arranged in a circular path, with "PAINTING THE WORLD" on the top half and "BY NUMBERS" on the bottom half. A small red dot is positioned at the bottom center of the circular text arrangement.



# Using numbers to describe and understand our world.

Key aims of these lessons:

- To recognise the beauty and power of mathematics
- To recognise mathematics as a subject that provides a foundation for understanding the world
- To reason mathematically and solve problems

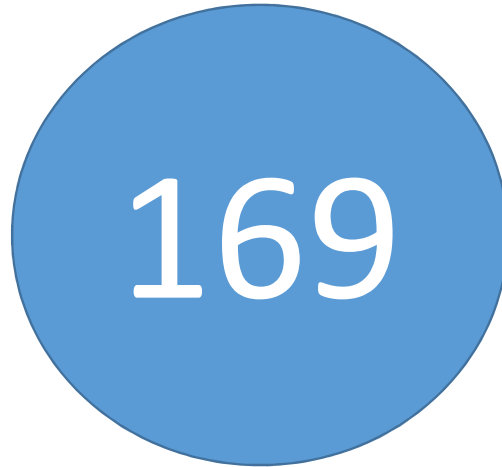


# Key learning objectives:

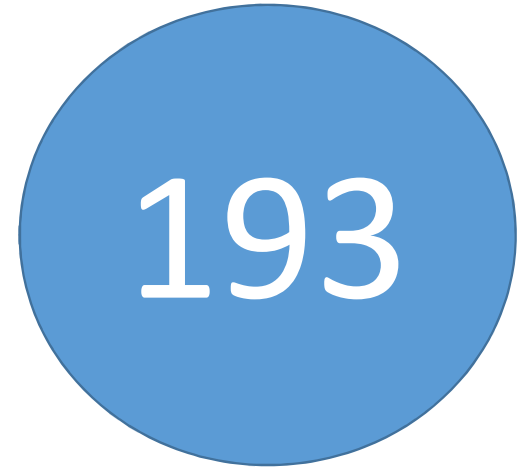
- Read, write order and compare numbers to at least 1,000,000 and determine the value of each digit
- Solve problems that involve these numbers
- Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred'
- Solve comparison, sum and difference problems using information presented in a line graph and in tables.



17



169



193



2030



1

17

169

193



2030

1

17

169

193

2030

1

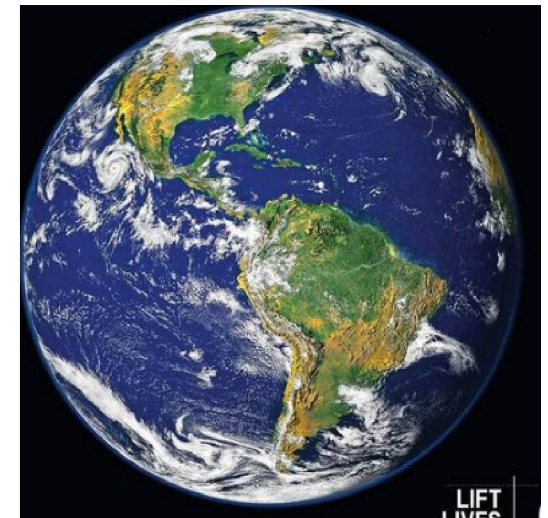
the world

number of main goals

the year

number of world leaders  
number of specific targets

- In September 2015, **193 world leaders** agreed to **17 Global Goals** for Sustainable Development. If these Goals are completed, it would mean an end to extreme poverty, inequality and climate change by **2030**.



- Within the 17 Global Goals there are **169 specific 'targets'** which explain in more detail what the **world** could look like by 2030 if the Goals are achieved.

