

# Comparing and Ordering Numbers: Maths : Year 6 : Summer Term

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To write and identify positive numbers to 10,000,000	Children will recap what an eight-digit number is. The children's ability to write numbers as numerals and words will be challenged through a variety of activities. They will also practise identifying the value of each digit in a number.	<ul style="list-style-type: none"> <li>• Can they identify whole numbers to 10,000,000?</li> <li>• Can they write whole numbers to 10,000,000?</li> <li>• Do they understand the place value of each digit?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheet 1A/1B/1C</li> <li>• Place Value Poster</li> <li>• Matching Cards (FSD? activity only)</li> <li>• Question Cards A/B (FSD? activity only)</li> </ul>
<b>Lesson 2</b>	To order positive numbers to 10,000,000	Children will order positive numbers with up to two decimal places to 10,000,000. They will order groups of four numbers. During the plenary they will order race times from the Olympics and find the difference between different competitors' times	<ul style="list-style-type: none"> <li>• Can they identify numbers to 10,000,000?</li> <li>• Can they order numbers to 10,000,000?</li> <li>• Do they understand the place value of each digit?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheet 2A/2B/2C</li> <li>• Challenge Cards A/B (FSD? activity only)</li> </ul>
<b>Lesson 3</b>	To compare positive numbers to 10,000,000	Children will find the difference between larger positive numbers. They will complete subtraction calculations to find the difference, checking their answers using the inverse. They can also time their own sporting events and calculate the difference between race times.	<ul style="list-style-type: none"> <li>• Can they identify and order numbers to 10,000,000?</li> <li>• Can they compare numbers to 10,000,000?</li> <li>• Can they find the difference between two numbers?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheet 3A/3B/3C</li> </ul>
<b>Lesson 4</b>	To use negative numbers in context and calculate intervals across zero.	Children will apply their knowledge of finding the difference between two numbers when calculating intervals across zero. They will be introduced to negative numbers through temperatures, including temperatures with decimal places. They will find the difference using a number line to support them as they calculate intervals across zero, expressing their answers using an appropriate statement, such as $5.5 - (-1) = 5.6$ .	<ul style="list-style-type: none"> <li>• Can they identify and name positive and negative numbers?</li> <li>• Can they compare positive and negative numbers?</li> <li>• Can they find the difference between two positive and negative numbers?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheet 4A/4B/4C</li> <li>• Above Sea Level Cards (FSD? activity only)</li> <li>• Below Sea Level Cards (FSD? activity only)</li> </ul>
<b>Lesson 5</b>	To solve problems involving writing, ordering and comparing positive and negative numbers.	Children will apply the skills they have used throughout the week to solve practical problems. They will need to work out what the question is asking them to find out and choose an appropriate method to solve the problems, which include ordering high scores, ordering javelin throws, finding the difference between temperatures and creating their own word problems.	<ul style="list-style-type: none"> <li>• Can they write and name positive and negative numbers?</li> <li>• Can they identify and compare positive and negative numbers?</li> <li>• Can they decide what a question is asking them to do?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Question Cards A/B/C</li> <li>• Number Cards A/B (FSD? activity only)</li> <li>• Challenge Cards (FSD? activity only)</li> <li>• Worksheet (FSD? activity only)</li> <li>• Answer Sheet (FSD? activity only)</li> </ul>