

# In maths we are learning about...



Number and Place Value		Knowledge Organiser				
Key Vocabulary	Compare and Order					
ten million	equals	greater than	less than			
millions	$26 + 38 = 8 \times 8$	$223\ 873 > 98\ 256$	$901\ 198 < 1\ 091\ 098$			
thousands	Both calculations have the value 64.	The number on the left has 2 hundred thousands and the number on the right has 0 hundred thousands.	The number on the right has 1 million and the number on the left has 0 millions.			
hundreds						
tens						
ones						
zero						
place value	smallest	81 782	127 352	127 835	137 019	
greater than					200 002	
less than					greatest	
order	Negative Numbers					
round	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px; background-color: #d9e1f2;"><math>3 - 8 = -5</math></div> <div style="border: 1px solid black; padding: 5px; background-color: #d9ead3;"><math>-6 + 11 = 5</math></div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> </div>					
rounded						
negative number						
partition						
digit						
interval						
sequence						
linear sequence						

Number and Place Value		Knowledge Organiser				
Numbers to Ten Million						
<b>3 926 471</b>						
Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
3	9	2	6	4	7	1
3 926 471						three million, nine hundred and twenty-six thousand, four hundred and seventy-one
3 926 000						471
3 926 471						
Round Any Number						
Rounding to the nearest 1000			Rounding to the nearest 100 000			
2000	← 2499	2500 → 3000	200 000	← 249 999	250 000 → 300 000	
	round down	round up		round down	round up	
Rounding to the nearest 10 000			Rounding to the nearest 1 000 000			
20 000	← 24 999	25 000 → 30 000	2 000 000	← 2 499 999	2 500 000 → 3 000 000	
	round down	round up		round down	round up	