

A Million Numbers : Maths : Year 5 : Autumn Term

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To know what each digit represents in five- and six-digit numbers.	Children will identify the value of each digit in five- and six-digit numbers, extending to look at seven-digit numbers. They will partition and decompose numbers to help them identify the value of each digit. They will match numbers written in words to a numerical figure, and practise writing larger numbers in words.	<ul style="list-style-type: none"> Can children recognise place value in numbers up to six digits? Can children recognise place value in numbers above one million? Can children write numbers in words? 	<ul style="list-style-type: none"> Slides Worksheet 1A/1B/1C/1D Number Cards 1A/1B/1C Number Sentence Cards 1A/1B (FSD? activity only)
Lesson 2	To be able to order and compare numbers up to a million.	Children will order and compare numbers with up to seven digits using a variety of real-life contexts, including populations of UK towns and cities. They will use the < and > symbols to compare two or more numbers. They will solve a variety of challenges relating to ordering and comparing numbers.	<ul style="list-style-type: none"> Can children compare numbers up to a million? Can children order numbers up to a million? Could the children use the < and > signs accurately? 	<ul style="list-style-type: none"> Slides Worksheet 2A/2B/2C Dice Number Cards Number and Symbol Cards Challenge Cards (FSD? activity only)
Lesson 3	To be able to round numbers up to a million to a given degree.	Children will learn how to round numbers to the nearest ten, hundred, thousand, ten thousand and hundred thousand. They will learn to round the same number in different ways for numbers with up to six digits.	<ul style="list-style-type: none"> Can children round to the nearest thousand? Can children round to the nearest ten thousand? Can children round five- and six-digit numbers? 	<ul style="list-style-type: none"> Slides Worksheet 3A/3B Question and Answer Cards Quiz Template (FSD? activity only)
Lesson 4	To be able to read Roman numerals to 1000.	Children will identify some ways Roman numerals are used today before recapping how the Roman numeral system works. They will learn to read and write increasingly difficult numbers and use their knowledge to solve a variety of problems.	<ul style="list-style-type: none"> Can children read Roman numerals to 100? Can children read Roman numerals to 500? Can children read Roman numerals to 1000? 	<ul style="list-style-type: none"> Slides Worksheet 4A/4B/4C Roman Numerals sheet Domino Cards 4A/4B/4C (FSD? activity only)
Lesson 5	To be able to recognise years written in Roman numerals.	Children will recap how to read Roman numerals to a thousand. They will learn to read years as Roman numerals, identifying the birth year of a variety of famous people or the release year of various famous films.	<ul style="list-style-type: none"> Can children read Roman numerals to 1000? Can children explain some ways in which Roman numerals are used today? Can children recognise years written as Roman numerals? 	<ul style="list-style-type: none"> Slides Worksheet 5A/5B/5C Famous People Cards Roman Numeral Help Sheet Film Year Cards 5A/5B (FSD? activity only)