



MATHEMATICS

VPJS ASK CURRICULUM



Year 3	Year 4	Year 5	Year 6
Knowledge – Decimals <ul style="list-style-type: none"> To recognise and write decimal equivalents to tenths 	<ul style="list-style-type: none"> Recognise & write decimal equivalents of any number of tenths or hundredths Recognise and write decimal equivalents to $\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$ <p>Comparing decimals</p> <ul style="list-style-type: none"> Round decimals with one decimal place to the nearest whole number Compare numbers with the same number of decimal places up to 2 decimal places <p>Calculations with decimals</p> <ul style="list-style-type: none"> Find the effect of dividing a one or two - digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths 	<ul style="list-style-type: none"> Read and write decimal numbers as fractions (for example $0.71 = \frac{71}{100}$) Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents <p>Comparing decimals</p> <ul style="list-style-type: none"> Round decimals with 2 decimal places to the nearest whole number and to 1 decimal place Read, write, order and compare numbers with up to 3 decimal places <p>Calculating with decimals</p> <ul style="list-style-type: none"> Add and subtract decimals, including a mix of whole numbers and decimals, decimals with different numbers of decimal places and complements of 1 Mentally add and subtract tenths, and 1-digit whole numbers and tenths 	<ul style="list-style-type: none"> Identify the value of each digit in numbers given to three decimal places <p>Calculations with decimals</p> <ul style="list-style-type: none"> Multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places Multiply one-digit numbers with up to 2 decimal places by whole numbers Use written division methods in cases where the answer has up to two decimal places
Problem solving – Decimals	Problem solving – Decimals	Problem solving – Decimals	Problem solving – Decimals
		<ul style="list-style-type: none"> Solve problems involving number up to 3 decimal places Solve problems which require knowing fraction, decimal and percentage equivalents of $\frac{1}{2}$ $\frac{1}{4}$ Solve problems that go beyond the measurement and money models of decimals Make connections between decimals & fractions and relate this to finding "fractions of" 	<ul style="list-style-type: none"> Solve problems which require answers to be rounded to specified degrees if accuracy