

Pupil			Geometry	Teacher		
A	Sp	Su		A	Sp	Su
			I can identify 2-d shapes (inc. different types of triangles) and explain their			
			I can identify quadrilaterals: square, rectangle, parallelogram, rhombus, kite,			
			I can name and identify different types of angels (acute, right, obtuse, straight line,			
			I can identify horizontal, vertical and diagonal lines, using accurate terminology.			
			I can identify parallel and perpendicular lines.			

Pupil			Number	Teacher		
A	Sp	Su		A	Sp	Su
			I can read numbers to 1,000,000.			
			I can count in 10s, 100s, 1000s, 10,000s			
			I can add and subtract numbers mentally using partitioning (eg. $12\,462 - 2300 = 10$ )			
			I can say what is 10/100/1,000/ 10,000 more or less than any 6-digit number.			
			I can say what is 10/100/1000 less than			

Pupil			Fractions	Teacher		
A	Sp	Su		A	Sp	Su
			I can add and subtract fractions with the same denominator.			
			I can add and subtract fractions with denominators that are multiples of the same number.			
			I can recognise and write decimal equivalents of one quarter, one half and three quarters.			
			I can recognise and write decimal equivalents of any fraction /100 (eg. $71/100 = 0.71$ ).			
			I can name and understand the value of decimal numbers to 3dp.			

Pupil			Calculation	Teacher		
A	Sp	Su		A	Sp	Su
			I can answer mixed times tables questions up to 12 x 12 fluently (less than 5 seconds).			
			I can identify multiples of numbers 2-12 within times tables facts.			
			I can identify factors of multiples up to 12x12.			
			I know what prime and composite numbers are and how to identify them.			
			I can use known multiplication and division facts to solve related questions (eg. $12 \times 110$ and $270 \div 9$ ).			
			I can multiply and divide by 10/100/1000 using place value.			
			I know the square numbers to 12x12 and can explain how to calculate when I see the squared symbol.			
			I know how to calculate cubed numbers.			
			I can double numbers using mental partitioning.			
			I can halve numbers using partitioning and related facts.			

Pupil			Measurement	Teacher		
A	Sp	Su		A	Sp	Su
			I know how many mm in 1cm, how many cm in 1m and how many m in 1km.			
			I know how many g in 1kg and ml in 1l.			
			I can explain how to find the perimeter and area of rectilinear shapes.			
			I can tell the time on an analogue clock.			
			I can tell the time on a 12-hour digital clock.			
			I can tell the time on a 24-hour digital clock.			
			I know how many seconds are in a minute, minutes in an hour, hours in a day, days in a week and months in the year (recap how			
			<b>Skill:</b> to use a protractor to measure angles.			

### Review of Year 5

*This year I have become more confident in:*



*Next year I would like to keep working on:*



*At home I should practise:*



# Maths Passport

## Year 5



*This passport belongs to:*

\_\_\_\_\_

1-10

one

two

three

four

five

six

seven

eight

nine

ten

11-20

eleven

twelve

thirteen

fourteen

fifteen

sixteen

seventeen

eighteen

nineteen

twenty

10s TO 100

ten

twenty

thirty

forty

fifty

sixty

seventy

eighty

ninety

one hundred

# NUMBER WORDS

## EVEN LARGER

one thousand

ten thousand

one hundred thousand

one million

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## Place Value

Tm	M	Hth	Tth	Th	H	T	O	t	h	th
Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths
10 000 000	1 000 000	100 000	10 000	1000	100	10	1	0.1 $\frac{1}{10}$	0.01 $\frac{1}{100}$	0.001 $\frac{1}{1000}$

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## Types of Triangles

By Side



Equilateral  
3 equal sides  
all angles 60°



Isosceles  
2 equal sides  
2 equal angles



Scalene  
no equal sides  
no equal angles

By Angle



Right  
1 angle = 90°



Acute  
all angles < 90°

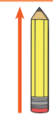


Obtuse  
1 angle > 90°

sciencenotes.org

## Types of Lines

vertical



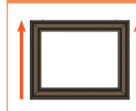
horizontal



perpendicular



parallel



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Quadrilateral	Figure	Properties
Rectangle		<ul style="list-style-type: none"> <li>4 right angles</li> <li>2 pairs of parallel sides</li> <li>2 lines of symmetry</li> <li>rotational symmetry of order 2</li> </ul>
Square		<ul style="list-style-type: none"> <li>4 right angles</li> <li>4 congruent sides</li> <li>4 lines of symmetry</li> <li>rotational symmetry of order 4</li> </ul>
Trapezoid		<ul style="list-style-type: none"> <li>1 pair of parallel sides</li> <li>Isosceles triangles have 1 pair of congruent sides</li> </ul>
Parallelogram		<ul style="list-style-type: none"> <li>2 pairs of parallel sides</li> <li>2 pairs of congruent sides</li> </ul>
Rhombus		<ul style="list-style-type: none"> <li>4 congruent sides</li> <li>2 lines of symmetry</li> <li>rotational symmetry of order 2</li> </ul>
Kite		<ul style="list-style-type: none"> <li>2 pairs of congruent sides</li> <li>1 line of symmetry</li> </ul>