






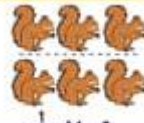
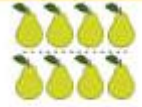


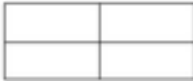

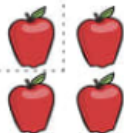


Godmanchester Community Academy Maths Progression

Year 1		
Place Value	Addition and Subtraction	Fractions
<p>Count on from 0 to 100 and back from 100 to 0, starting at 0 or any number. e.g. start at 36 and count on 36,37,38 or back 36,35,34</p> <p>Starting with 0, count in 2s to 50, 5s to 100 and 10s to 100.</p> <p>Read and write numbers to 100.</p> <p>Read and write numbers to 20 in numbers and words. e.g. 20 - twenty</p> <p>Use sticks and bricks (see below example) to represent tens and ones e.g. 35 has 3 tens and 5 ones III tens xxxxx ones</p> <p>Say which number is one more and one less than any number 1-100. e.g. One less than 35 is 34. One more than 25 is 26 etc.</p>	<p>Understand and use the +, - and = symbols.</p> <p>Solve + and - calculations using equipment or a number line e.g. $13+6 = 20$ $34 - 7 = 27$</p> <p>Know number bonds (2 numbers added together) that make 10 and 20. e.g. $0+10, 1+9$ $0+20, 1+19$</p> <p>Know different ways to make all numbers to 20. e.g. for 17 $12 + 5 = 17$ $11 + 6 = 17$</p> <p>and the related facts e.g. $17 - 5 = 12$ $17 - 12 = 5$</p> <p>Add and subtract one-digit and two-digit numbers to 20. e.g. $19 - 6 =$</p> <p>Solve calculations which include an unknown/missing number. e.g. $8 + ? = 11$ $? + 6 = 10$ $? - 5 = 10$ $10 - ? = 6$</p>	<p>Recognise, find and name a half as one of two equal parts of an object, shape, or quantity. e.g.</p> <div style="display: flex; justify-content: space-around; align-items: center;">    </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;">   </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;">   </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> <div style="border: 1px solid yellow; padding: 5px; text-align: center;">  <p>$\frac{1}{2}$ of 6 = 3</p> </div> <div style="border: 1px solid yellow; padding: 5px; text-align: center;">  <p>$\frac{1}{2}$ of 8 = 4</p> </div> </div> <p>Recognise, find and name a quarter as one of four equal parts of an object, shape, or quantity. e.g.</p> <div style="display: flex; justify-content: space-around; align-items: center;">    </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;">  <div style="border: 1px solid blue; padding: 5px; text-align: center;">  <p>$\frac{1}{4}$ of 4 = 1</p> </div> </div>

Measurement

Compare and describe length and height using the words: long, longer, short, shorter, tall, and taller
e.g. The giraffe is taller than the antelope. The antelope is shorter than the giraffe.

Compare and describe weight and mass using the words: heavy, heavier, light, lighter, heavier than, and lighter than.
e.g. The apple is heavier than the grape. The grape is lighter than the apple.

Compare and describe capacity and volume using the words: full, empty, more than, less than, half full, quarter full.
e.g. The glass is empty.

Compare and describe time using the words: quicker, slower, earlier, and later.
e.g. The cheetah is quicker than the elephant. The elephant is slower than the cheetah.

Sequence events in time order using the words: before, after, next, first, today, tomorrow, yesterday, morning, afternoon and evening, days of the week, and months.
e.g. I get dressed before I go to school. Today is Monday, tomorrow will be Tuesday and yesterday was Sunday.

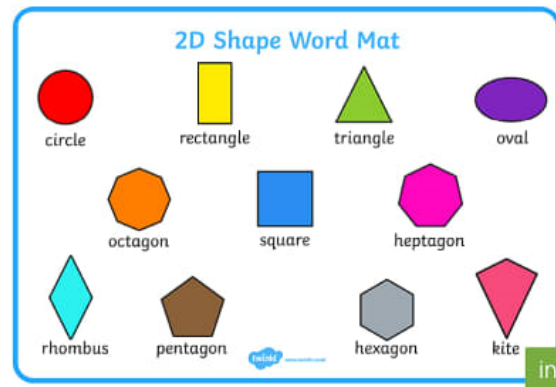
Know that time is measured in seconds, minutes and hours.

Tell the time to the hour (o'clock) and half past. Draw the hands on a clock to show o'clock and half past.

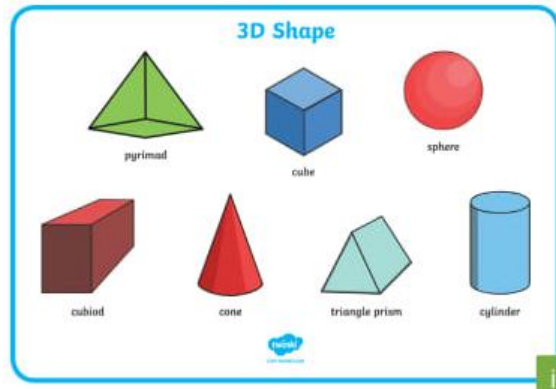
Recognise and know the value of all coins and notes.

Shape

Recognise and name common 2D shapes such as:

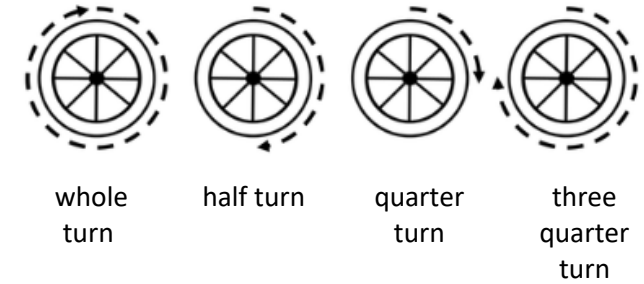


Recognise and name common 3D shapes such as:



Position and Direction

Describe position, direction and movement using the words: whole turn, half turn, quarter turn and three quarter turn.



Please note: The concepts of clockwise and anti-clockwise are introduced in Year 2