

Measures and Money

Foundation Phase - Range	Nursery	Reception	Year 1	Year 2	Key Stage 2 - Range	Year 3	Year 4
<p>Understand and use measures:</p> <p><i>Compare and order two or more objects in terms of mass or length/height by direct observation, and for capacity and volume by filling or emptying containers.</i></p> <p><i>Use uniform non-standard units for comparison, and see the need for standard units of measure; use standard metric units of length, mass and capacity.</i></p> <p><i>Choose units and measuring equipment appropriate to a relevant measuring task; read a scale with some accuracy.</i></p>	<p>Begin to compare physical properties of objects.</p> <p>Use familiar words to describe size and measures.</p>	<p>Compare and order two or more objects by direct observation.</p> <p>Show understanding of words, signs and symbols that describe size.</p>	<p>Measure and order objects using direct comparison.</p> <p>Use uniform non-standard units to measure.</p> <p>Begin to use some standard units and measuring equipment in practical contexts e.g. metre sticks, litre jugs.</p>	<p>Use everyday non-standard and standard units to measure length, mass and capacity.</p> <p>Use measuring equipment.</p> <p>Know the relationship between metres and centimetres, kilograms and grams, litres and millilitres.</p> <p>Read a simple scale to the nearest labelled division, including using a ruler to draw and measure lines to the nearest centimetre.</p>	<p>Understand and use measures:</p> <p><i>Choose appropriate standard units of length, mass, volume and capacity, temperature, area and time</i></p> <p><i>Understand the relationships between units, and convert one metric unit to another</i></p> <p><i>Know the rough metric equivalents of imperial units still in daily use</i></p> <p><i>Interpret numbers on scales and read scales to an increasing degree of accuracy; understand and use scale in simple maps and drawings.</i></p> <p><i>Draw and measure angles</i></p> <p><i>Find perimeters of simple shapes; find areas and volumes by counting and other practical methods</i></p>	<p>Use standard units to measure length, mass and capacity.</p> <p>Know the relationships between kilometres and metres, metres and centimetres, kilograms and grams, litres and millilitres.</p> <p>Read scales to the nearest division (labelled or unlabelled) including using a ruler to draw and measure lines to the nearest half centimetre.</p>	<p>Use standard units of length, capacity and mass and use suitable equipment to estimate and measure</p> <p>Know and use the relationships between familiar units of length, mass and capacity and suggest suitable units.</p> <p>Read measuring scales to the nearest division.</p> <p>Find perimeters of shapes and areas by counting squares</p>
<p>Recognise the time of day in relation to regular activities; understand the passage of time in relation to daily activities and life events</p> <p><i>Know and order days of the week, the months and seasons of the year.</i></p> <p><i>Sequence two or more familiar events.</i></p> <p><i>Gradually read the time to the quarter hour on the analogue clock, and relate this to digital time</i></p>	<p>Begin to know key times of the day.</p>	<p>Show awareness of time in terms of daily activities</p> <p>Be aware of the language of clock time in rhymes and stories.</p>	<p>Know 1 week = 7days and 1 day = 24 hours. Know the days of the week. Order familiar events.</p> <p>Read the time to the hour and half hour on analogue clock.</p> <p>Make estimates and check using simple timers.</p>	<p>Know 1 hour = 60 mins and 1 minute = 60 secs. Know the months and seasons of the year.</p> <p>Read time to the half or quarter hour on analogue and digital clock.</p>	<p>Read times on analogue and digital clocks; use timetables and convert between the 12- and 24-hour clocks; calculate time differences</p>	<p>Know 1 year = 365 days or 52 weeks or 12 months. Write dates correctly.</p> <p>Read time to five minutes on analogue and digital clocks.</p> <p>Use simple timers in practical situations.</p>	<p>Know 1 millennium = 1000 years and 1 century = 100 years. Read calendars and timetables.</p> <p>Read time (analogue to nearest minute and 12 hour digital). Use am/pm and digital notation.</p> <p>Estimate/check times using seconds, minutes, hours.</p>
<p>Understand and use money:</p> <p><i>Develop an awareness of the use of money and its value, initially through role play</i></p> <p><i>Recognise, sort and use coins; find totals, and give change</i></p>	<p>In their play, they develop an awareness of the purpose of money.</p>	<p>Recognise, sort and use coins.</p>	<p>Be aware of the values of different coins</p> <p>Find totals and give change to 10p.</p> <p>Solve problems using money in practical contexts.</p>	<p>Exchange coins for equivalent values.</p> <p>Find totals and give change from multiples of 10p.</p> <p>Begin to use £.p notation.</p> <p>Use mental strategies to solve money problems.</p>	<p>Understand and use money:</p> <p><i>Know and use the conventional way to record money.</i></p> <p><i>Find approximate solutions to, and use the four operations to solve, problems involving money</i></p> <p><i>Understand a calculator display in relation to money e.g. that a display of 21.4 (pounds) means £21.40</i></p> <p><i>Be aware of other currencies</i></p>	<p>Recognise value of £5, £10 and £20 notes.</p> <p>Find totals and give change from £1.</p> <p>Use decimal notation in recording money.</p> <p>Solve simple word problems involving money.</p>	<p>Convert pounds to pence and vice versa.</p> <p>Use four operations to solve problems involving money.</p>