






	Learning objective	Main teaching	Activity	Resources	Vocabulary
Monday	LO to understand the relationships between metric units of measure	<p>Metric measures video:  <a href="https://vimeo.com/504804646">https://vimeo.com/504804646</a></p> <p><b>True or false? Explain your answer:</b></p> <div>  <p>Jack</p> <p>A good target for sports day would be to run 100 km in 14 seconds.</p> </div>	<p><a href="https://resources.whiterosemaths.com/wp-content/uploads/2020/01/Y6-Spring-Block-4-WO1-Metric-measures-2019.pdf">https://resources.whiterosemaths.com/wp-content/uploads/2020/01/Y6-Spring-Block-4-WO1-Metric-measures-2019.pdf</a></p> <p>Answers:  <a href="https://resources.whiterosemaths.com/wp-content/uploads/2020/01/Y6-Spring-Block-4-ANS1-Metric-measures-2019.pdf">https://resources.whiterosemaths.com/wp-content/uploads/2020/01/Y6-Spring-Block-4-ANS1-Metric-measures-2019.pdf</a></p> <p><b>Extra challenge:</b> Solve this problem - <u>Oh! Harry!</u> He's lost the labels on his measuring cylinders and needs your help...  <a href="https://nrich.maths.org/5979/note">https://nrich.maths.org/5979/note</a></p>	<p>Vimeo links</p> <p>True/False questions</p> <p>Worksheets</p> <p>Pencil</p> <p>Ruler</p> <p>Maths book</p> <p>NRich link</p>	<p>Metric</p> <p>Measure</p> <p>Equal</p> <p>Millilitres</p> <p>Litres</p> <p>Grams</p> <p>Kilograms</p> <p>Centimetres</p> <p>Metres</p> <p>Kilometres</p>
Tuesday	LO to convert between metric measures	<p>Convert metric measures video:  <a href="https://vimeo.com/504805400">https://vimeo.com/504805400</a></p> <p><b>True or false? Explain your answer:</b></p> <div> <p>To convert from centimetres to metres I should multiply by 100 because metres are bigger than centimetres.</p>  <p>Whitney</p> </div>	<p>Download and have a go at this activity:  <a href="https://resources.whiterosemaths.com/wp-content/uploads/2020/01/Y6-Spring-Block-4-D2-Convert-metric-measures-2019.pdf">https://resources.whiterosemaths.com/wp-content/uploads/2020/01/Y6-Spring-Block-4-D2-Convert-metric-measures-2019.pdf</a></p> <p>Answers:  <a href="https://resources.whiterosemaths.com/wp-content/uploads/2020/01/Y6-Spring-Block-4-ANS2-Convert-metric-measures-2019.pdf">https://resources.whiterosemaths.com/wp-content/uploads/2020/01/Y6-Spring-Block-4-ANS2-Convert-metric-measures-2019.pdf</a></p> <p><b>Extra challenge:</b>  <a href="https://nrich.maths.org/13664/note">https://nrich.maths.org/13664/note</a> Look at this activity. Can you recreate this at home? Can you explain what's happening here? Measure the amount of water a full glass will</p>	<p>Worksheet links</p> <p>Answer sheets</p> <p>Maths book</p> <p>Pencil</p> <p>Ruler</p> <p>Extra challenge</p>	<p>Kilogram</p> <p>Kilometre</p> <p>gram</p> <p>metre</p> <p>metric</p> <p>millimetres</p> <p>centimetres</p>

			hold. Measure the amount you put in the other glass before mesmerising your family with this magical maths trick!																																																		
Wednesday	LO to calculate with metric measures	<p>Calculate with metric measures video: <a href="https://vimeo.com/504806436">https://vimeo.com/504806436</a></p> <p><b>True or false? Explain your answer:</b></p> <p>I cup holds 300 ml of juice so 10 cups will hold 3 litres of juice.</p>	<p>Download and have a go at this activity: <a href="https://resources.whiterosemaths.com/wp-content/uploads/2020/01/Y6-Spring-Block-4-WO3-Calculate-with-metric-measures-2019.pdf">https://resources.whiterosemaths.com/wp-content/uploads/2020/01/Y6-Spring-Block-4-WO3-Calculate-with-metric-measures-2019.pdf</a></p> <p><a href="https://resources.whiterosemaths.com/wp-content/uploads/2020/01/Y6-Spring-Block-4-ANS3-Calculate-with-metric-measures-2019.pdf">https://resources.whiterosemaths.com/wp-content/uploads/2020/01/Y6-Spring-Block-4-ANS3-Calculate-with-metric-measures-2019.pdf</a></p> <p>Next, you can complete pages 48 and 49 in your Maths Targeted Question Workbook.</p> <p><b>Extra challenge:</b> Have a go at ‘Discuss and Choose’ <a href="https://nrich.maths.org/7449/note">https://nrich.maths.org/7449/note</a> You might like to do this with a friend, a sibling or a grown up and you’ll need to discuss and choose before you do any research online.</p>	Video links Worksheet links Independent tasks Pencil Maths book Ruler NRich link	Millimetres Millilitres Kilometres Litres Metres Metric Measure Accurate																																																
Thursday	LO to convert between miles and kilometres	<p>Miles and kilometres video: <a href="https://vimeo.com/505789895">https://vimeo.com/505789895</a></p> <div><p><b>5 miles = 8 kilometres (approximate)</b></p></div> <p><b>True or false? Explain your answer:</b></p> <p>Amir has walked 18 kilometres and Dora has walked <math>12\frac{1}{2}</math> miles.</p> <div><p>Dora has not walked as far as Amir.</p></div>	<p>Copy and complete:</p> <table><tr><td colspan="2">1.</td><td colspan="2">2.</td></tr><tr><td>Kilometres</td><td>Miles</td><td>Kilometres</td><td>Miles</td></tr><tr><td></td><td>5</td><td>16</td><td></td></tr><tr><td></td><td>15</td><td>40</td><td></td></tr><tr><td></td><td>20</td><td>64</td><td></td></tr><tr><td></td><td>35</td><td>72</td><td></td></tr><tr><td></td><td>50</td><td>88</td><td></td></tr><tr><td></td><td>65</td><td>112</td><td></td></tr><tr><td></td><td>75</td><td>128</td><td></td></tr><tr><td></td><td>90</td><td>152</td><td></td></tr><tr><td></td><td>100</td><td>160</td><td></td></tr><tr><td></td><td>150</td><td>200</td><td></td></tr></table>	1.		2.		Kilometres	Miles	Kilometres	Miles		5	16			15	40			20	64			35	72			50	88			65	112			75	128			90	152			100	160			150	200		Video links Activities in box ← Pencil Maths book Ruler Extra challenge	Metric Millimetres Millilitres Kilometres Litres Metres Metric Measure Accurate Miles
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Friday	LO to convert between imperial and metric measurements	<div>Imperial Measures video: <a href="https://vimeo.com/506026189">https://vimeo.com/506026189</a></div> <div>True or false? Explain your answer:</div> <div>Tommy is 4 foot 7 inches tall.</div> <div>Alex is 135 cm tall.</div> <div><div>Tommy is taller than Alex.</div></div> <div>To find your shoe size use the formula;</div> <div><math display="block">3l - 23</math></div> <div><math>l</math> = length from toe to heel in inches.</div> <div><div>My foot measures 9 inches so my shoe size is 4</div></div>	<div>If you haven't already, work through pages 48 and 49 in your Maths Targeted Question Workbook. Mark your answers and correct any mistakes.</div> <div>Scroll down to find your independent activity for today. It's called 'Y6 Friday Independent Task'.</div>	Video links  Independent tasks  Targeted Question Workbooks  NRich link  Pencil  Maths book  Ruler	Imperial  Metric  Convert  Feet  Inches  Tonne (Metric & Imperial)  Yard  Mile  Pound  Stone  Gallon  Pint																														

Use the conversion factors to complete these conversions.

a) 24 km  $\approx$  \_\_\_\_ miles

b) 6.6 Lbs  $\approx$  \_\_\_\_ kg

c) 18 l  $\approx$  \_\_\_\_ gallons

d) 1.5 kg  $\approx$  \_\_\_\_ Lbs

e) 2.5 stones  $\approx$  \_\_\_\_ kg

f) 25 miles  $\approx$  \_\_\_\_ km

Arrange these measurements in ascending order.

12 Lbs

5.5 kg

1 stone

5900 g

4 pints

2100 ml

1.5 gallons

5 litres

600  $\times$  338

### Lengths

Imperial		Metric
1 inch	$\approx$	2.5 cm
1 foot	$\approx$	30 cm
5 miles	$\approx$	8 km

### Weights

Imperial		Metric
1 pound	$\approx$	450 g
2.2 pounds	$\approx$	1 kg
1 stone	$\approx$	6.3 kg

### Capacity

Imperial		Metric
1 pint	$\approx$	570 ml
1 gallon	$\approx$	4.5 l
1.75 pints	$\approx$	1 l