

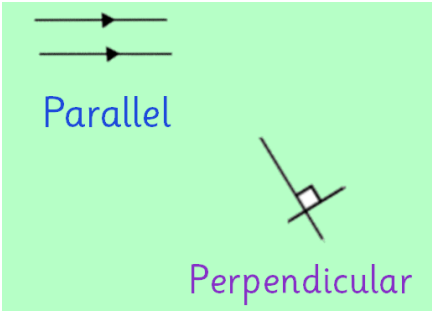
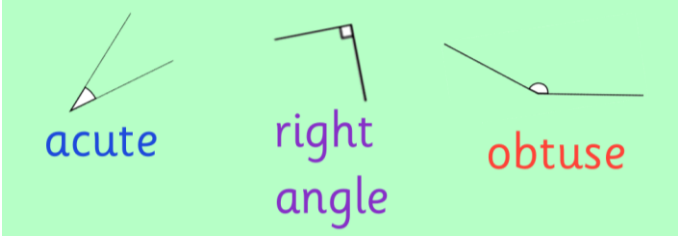


Year 4 – Summer 2

Shape (Lines & Angles)

Week 1

Maths Learning Journey

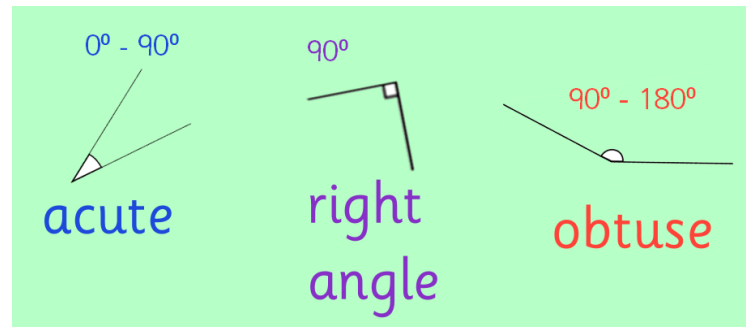
Objective	Notes
<p>Tuesday - Lesson 1 L.O. To identify parallel and perpendicular lines.</p>	<p>Straight lines that are adjacent to each other and will never meet are called Parallel lines. They always remain the same distance from each other. Straight lines that are at a right angle to each other are called Perpendicular lines. Perpendicular lines may meet or cross at the right angle, but they don't always.</p>  <p>Watch the video at the link below for more information: https://www.bbc.co.uk/bitesize/topics/zb6tyrd/articles/zp327hv</p> <p>Complete the sheet called 'Tuesday – Lesson 1' Mark using the answers called 'Tuesday – Lesson 1 – Answers'</p>
<p>Wednesday- Lesson 2 L.O. To identify acute, obtuse and right angles.</p> <p>Pupils should be taught to identify acute and obtuse angles and compare and order angles up to two right angles by size.</p>	<p>An angle is a measurement of turn, and is measured in degrees. Acute angles are smaller than 90 degrees, obtuse angles are between 90 and 180 degrees and a right angle is exactly 90 degrees. A right angle is the same as a quarter turn and is marked with a square instead of a round mark.</p>  <p>Use this link to learn more about angles: https://www.bbc.co.uk/bitesize/topics/zb6tyrd/articles/zg68k7h</p> <p>Complete the sheet called 'Wednesday – Lesson 2' Mark using the answers called 'Wednesday – Lesson 2 – Answers'</p>

Thursday- Lesson 3

L.O. To compare and order angles by estimating their size.

Pupils should be taught to identify acute and obtuse angles and compare and order angles up to two right angles by size.

Once you have identified the type of angle, it is easy to compare them. Obtuse angles are always bigger than right angles and acute angles. Acute angles are the smallest type of angle.



You can also compare two of the same type of angle (e.g. two obtuse angles) by seeing which is larger. This will require using your estimation skills.

Complete the sheet called 'Thursday – Lesson 3'

Mark using the answers called 'Thursday – Lesson 3 – Answers'

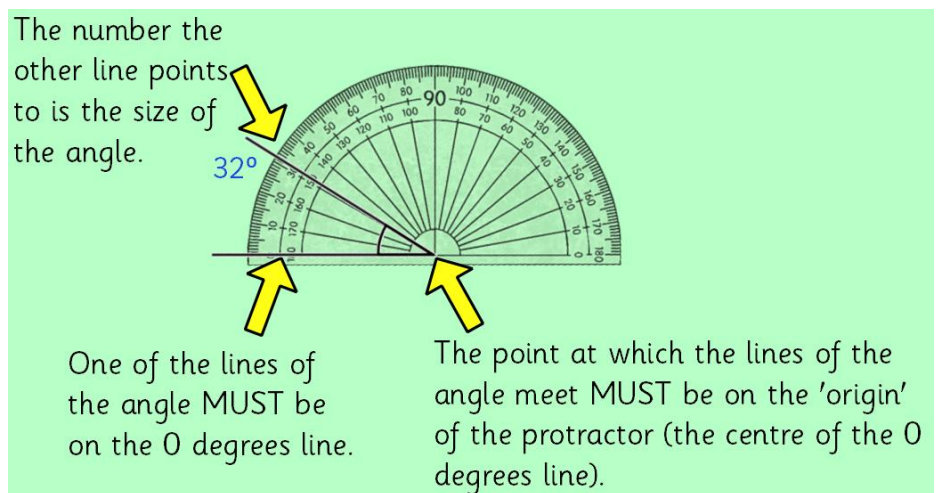
Friday- Lesson 4

L.O. To understand how to use a protractor.

Pupils should be taught to identify acute and obtuse angles and compare and order angles up to two right angles by size.

A protractor has scales on it that are similar to a ruler – every small division on a protractor is 1 degree (on a ruler it would be 1mm). 5 degree markers are slightly longer to help you measure accurately, and the scale counts in tens to get from 0 to 180.

There are 2 scales on a protractor, an outer and an inner and it is important to think carefully which scale you will need to use – you always start measuring from 0. To use a protractor, you must align the middle point to the corner of the angle and focus on reading the correct scale.



Read the information at the link below:

<https://www.mathsisfun.com/geometry/protractor-using.html>

Use this link to recap your knowledge of angles:

<https://www.bbc.co.uk/bitesize/topics/zb6tyrd/articles/zg68k7h>

Play Alien Angle Attack to practise measuring angles:

<https://mathsframe.co.uk/en/resources/resource/470/Angle-Alien-Attack>

Complete the sheet called 'Friday – Lesson 4'

Mark using the answers called 'Friday – Lesson 4 – Answers'

Additional Resources

Videos and extra worksheets are available to use and download at the link below. Click on the videos and worksheets tab and scroll down to Units.

www.corbettmathsprimary.com

Daily Arithmetic

You can also practise times tables at the links below. I would recommend at least ten minutes a day.

This link came highly recommended on a course. You can adjust the times tables and length of time to answer to improve confidence. The check would have had 6 seconds per question so this is the **end** goal.

<https://mathsframe.co.uk/en/resources/resource/477/Multiplication-Tables-Check>

This link comes highly recommended by the children!

<https://www.topmarks.co.uk/maths-games/hit-the-button>

Please also remember to make use of Times Tables Rock Stars available with your child's log in at:

<https://trockstars.com/>