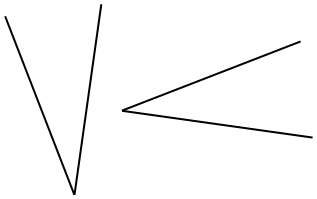
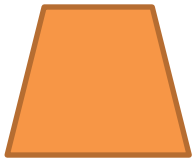
Term by Term Objectives

Year 3

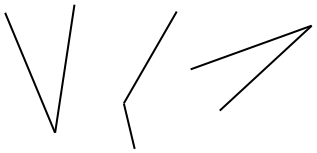
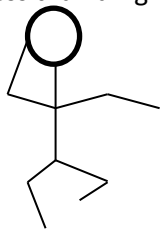
Properties of shape	Recognise angles as a property of shape or a description of a turn.	• Stick the words North, East, South and West on four walls. Ask children to face north then turn to west. How many quarter turns have you made? • Has this angle turned 90° to the left or the right?  • Tick all the angles in this shape. 	• **True or false?** Some shapes have no angles. • **True or false?** The amount of angles a shape has is equal to the amount of sides it has.	• Which of these could be angles? 90° -75° 90°c Explain your choices to a partner. • How many angles can you identify in this picture? 

mathshub@trinityacademyhalifax.org

MathsHUBS White Rose

Term by Term Objectives

Year 3

Properties of shape	Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle.	• How many right angles does this circle have?  • Tick the angles that are less than a right angle  • Using 2 sticks or straws, can you make 1, 2 and 4 right angles?	• **True or false?** You can make a right angle with curved lines. • Sahil says, A complete turn equals 360° therefore a shape cannot have more than 360° when their angles are added together. Do you agree?	• Draw different stick men with two arms and two legs. How many different ways can you do where the arms and legs are different sized angles (including greater than and less than a right angle)?  For each drawing write how many greater and/or less than angles there are e.g. 2 angles less than a right angle 2 angles greater than a right angle • Create a group freeze frame showing lots of different angles and draw this afterwards. Can you turn 45° to the left? How has your angle changed?

mathshub@trinityacademyhalifax.org

MathsHUBS White Rose