

Lollipop Stick Shapes



Pupils can work in pairs for this activity. Provide them with 10 lollipop sticks and ask them to make *as many* 2-D shapes as possible. Pupils might be given 12, 15, 20 or any number of sticks as an extension to this activity. Before giving them extra sticks, encourage pupils to estimate how many extra shapes they will be able to make with more sticks.



*How many shapes did you make Jim? What shapes are they?
 Did you have any sticks left over? Why?
 Could you do it a different way and have no sticks left over?
 Did anyone else make a different number of shapes?
 Why do you have more/less shapes than Jim?
 So why did making triangles give you more shapes than Paddy who
 made rectangles?
 Mai please explain that to me in your own words.*