Stick Logic

Day 4

What to do:

- You are going to investigate the number of triangles you can make using sticks.
- First you need to collect 9 sticks or twigs all roughly the same size.
- Now arrange the sticks in a pattern to make as many triangles as possible.
- Here are some ideas:
- How will you record your results; sketches or photos, a table or descriptive sentences?





Have you finished? How do you know?

- I have seen 9 sticks arranged to make 18 triangles. Did you manage 18 or possibly more?
- If you think you have reached the limit of triangles using 9 sticks you could try any of the following:

  a) 9 sticks but not all the same length

  b) fewer sticks or more sticks (is there a pattern?)

  c) change the shape to squares or something else.