

HOW YOUNGER LEARNERS CAN MAKE A SIERPINSKI TRIANGLE POSTER

Older children will start by colouring in blank triangles. Younger children can make their posters by gluing onto a backing sheet, triangles cut from this sheet, which have the pattern already coloured in.

The children can be encouraged to look closely at the pattern in which, at each stage, 3 identical triangles are arranged to form the next stage, and they can be guided to make their poster according to that pattern.

This sheet shows four stage 4 triangles each made up of three stage 3 triangles.

For very young children (age 4 – 6) the teacher or parent should cut out stage 4 triangles and guide the children to make a poster using 3 stage 4 triangles to make a stage 5 triangle or using 9 stage 4 triangles to make a stage 6 triangle.

For children (age 6 or 7) cut out the smaller stage 3 triangles and guide the children to make a poster using 9 stage 3 triangles to make a stage 5 triangle.

It is good for each child to have a triangle to stick on the poster, so if you have more children involved, and if the children are interested, they can make a poster using 27 stage 3 triangles to make a stage 6 triangle.

