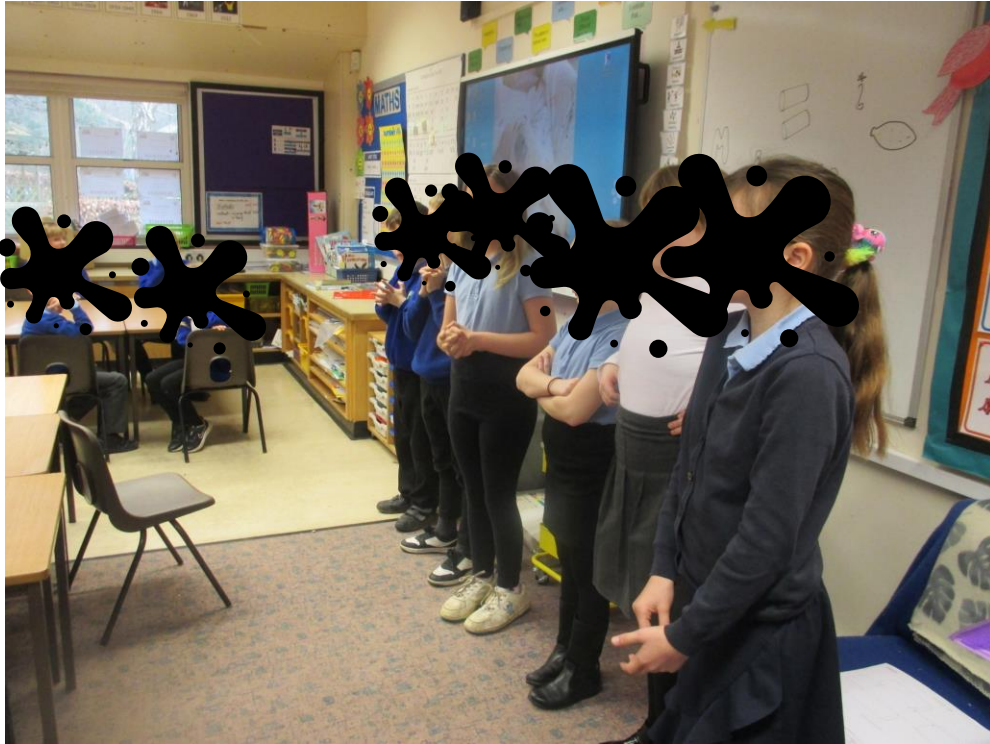


A decorative border surrounds the central text. It consists of a repeating pattern of colored squares (green, orange, red) containing white geometric shapes: circles, triangles, and squares. The border is L-shaped, with the top and bottom edges being full-width, and the left and right edges being shorter, meeting at the corners.

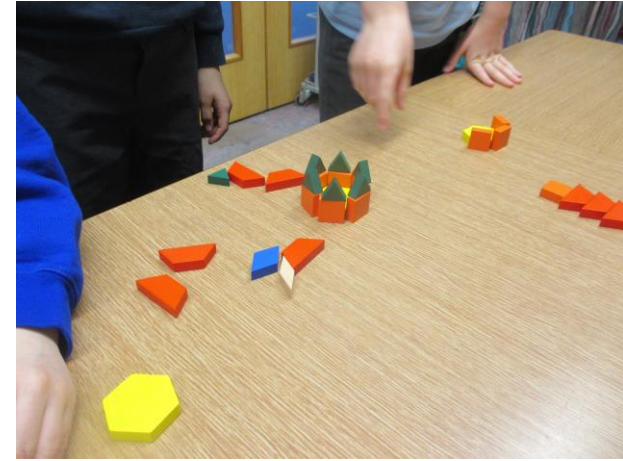
Maths Project



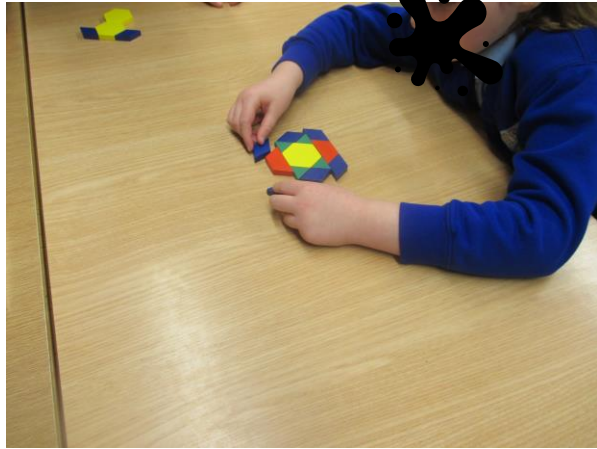
We got to be the teacher. We told the group to investigate the shapes to see what patterns they could make.



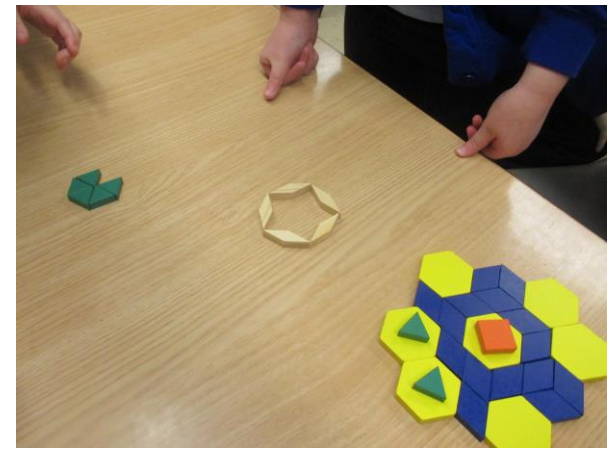
They made lots of different shapes and had loads of fun.



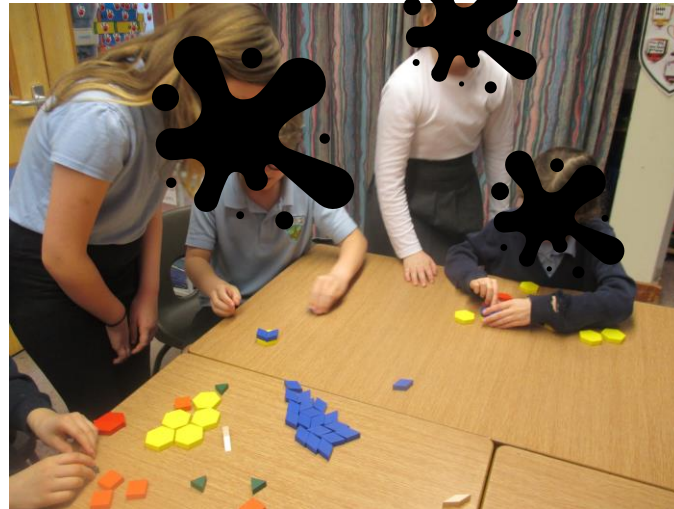
Some children built the shapes upwards to make amazing 3D patterns.



We walked around and helped them to make sure the shapes fitted together with no gaps.



We were allowed to give House Points to people working really well.

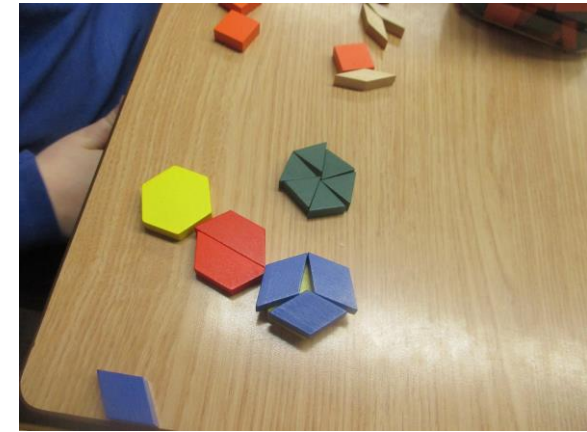




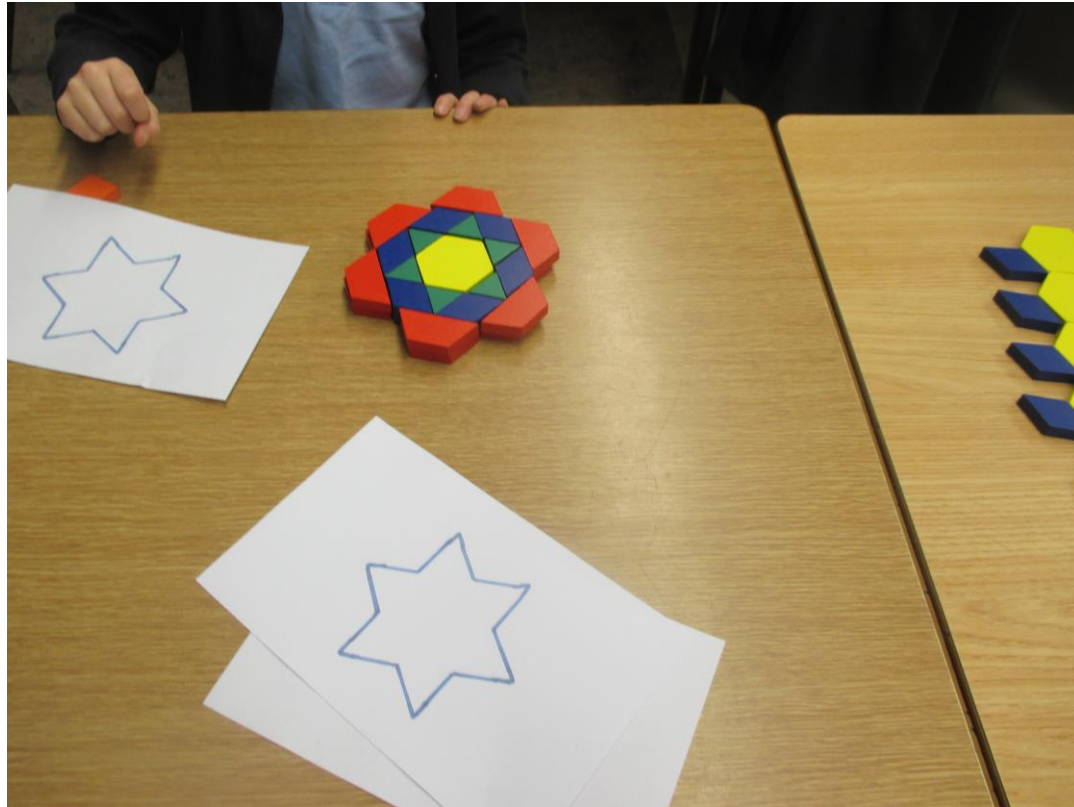
We showed them the different shapes on the Visualiser and explained the correct names for each of the shapes.



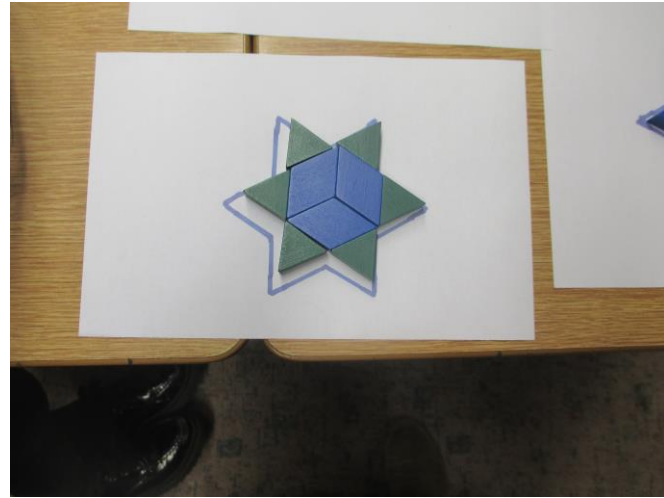
We asked them;
“How many
different hexagons
can you make?”
“Can you make
them with all the
same colour?”



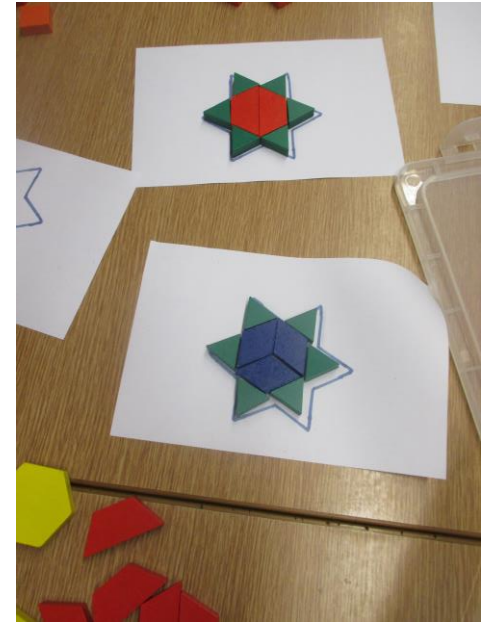
“How many different
ways are there?”



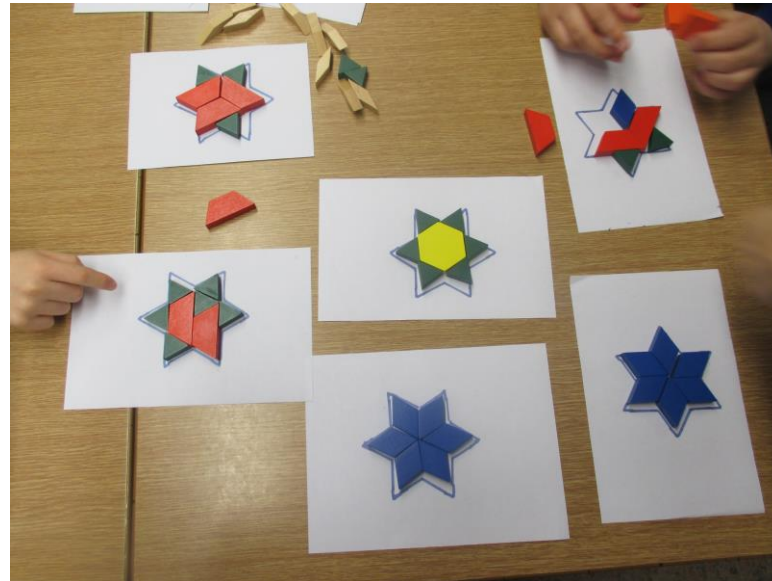
Some children
had made
larger hexagons
without
realising they
had!

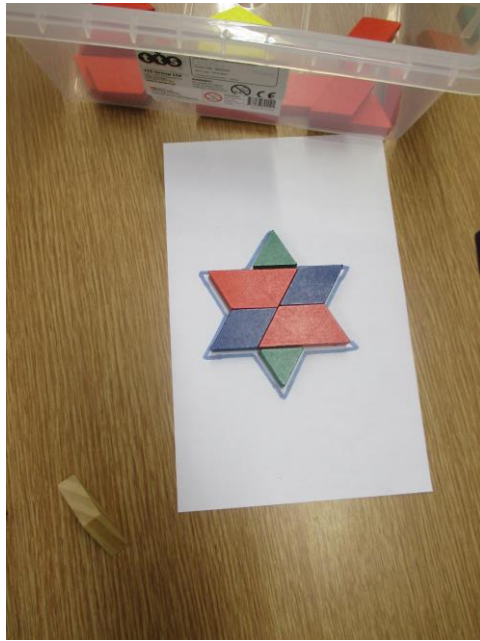


We challenged them to make as many as they could.

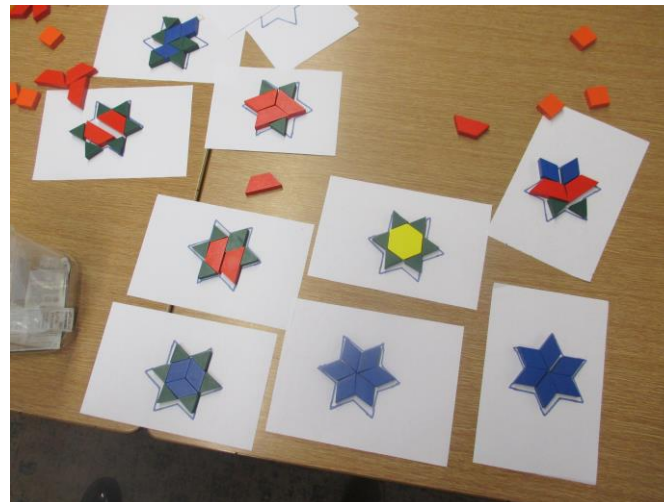
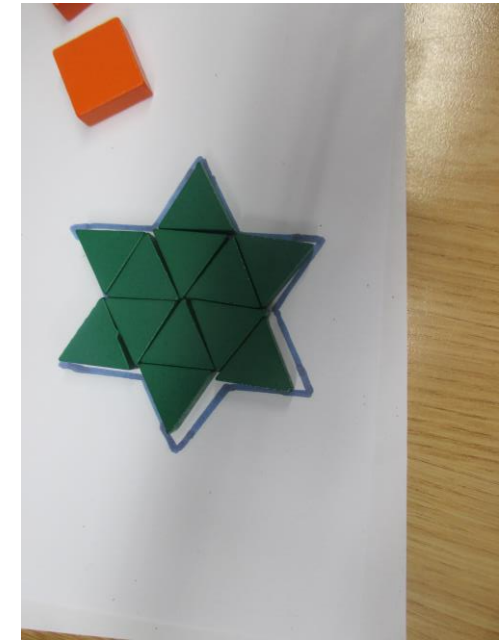


Next, we asked them to see if they could fit the shapes into a star template.

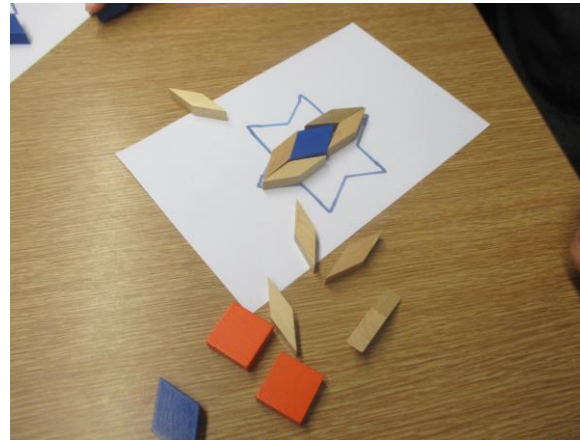
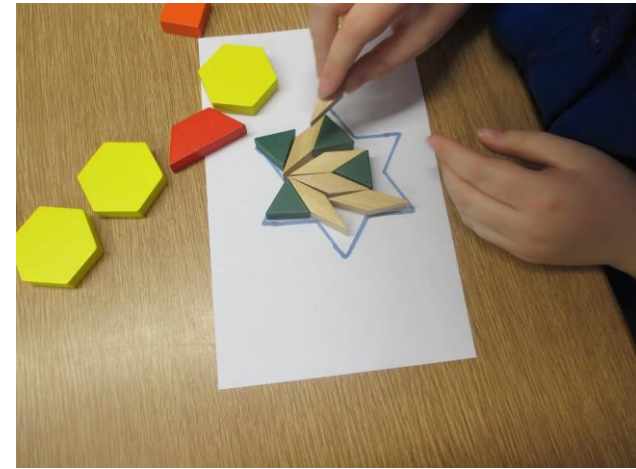


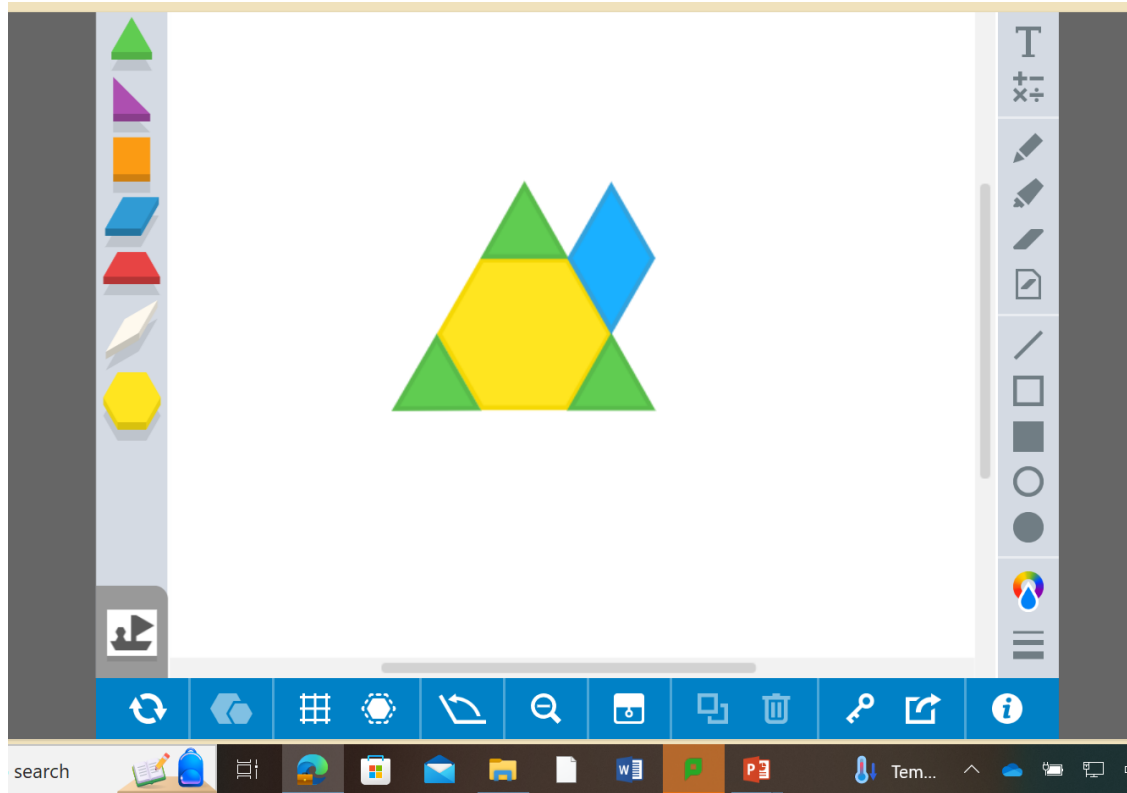


Some children made them symmetrical and some made them using all the same shape.



No one had used the square or the brown rhombus so we challenged them to see if it was possible to make a star with these shapes.





[Pattern block app](#)

We found an App that used all the shapes we had been using. This was set as homework for all of the Year 3 and 4 children.

We also shared the work we had been doing with other children in Year 3/4 who hadn't been in our lesson.

