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|  Shadow ArtTrace your letters on a large piece of paper (or sheets of paper taped together). Keep your message simple. Cut the inside of the letters out and see the sunlight reflect your message in the shadows. A picture containing indoor, sitting, laying, baby  Description automatically generated A sign on the side of a building  Description automatically generated |
| PrintingMix up some colourful paint in a large shallow tray.Skewer a corn-on-the-cob at either end so you have something to hold on to (ask an adult to help with this). Dip the corncob in the paint and roll across your sheet of paper. What effect does it make?You can reuse the corncob for different colours if you wipe it carefully.Make a hungry caterpillar (or other animal of your choice).  A picture containing food  Description automatically generated  |
| Nature’s Patterns 1. Explore some patterns which can be found in nature. This could be animal camouflage, plant life or something else.
2. Using simple tools such as pencil and paper try to recreate nature’s patterns or make some original patterns of your own.

 A close up of a zebra  Description automatically generated A snail on the ground  Description automatically generatedA picture containing object, honeycomb, oranges, sitting  Description automatically generated A close up of a leopard  Description automatically generated |
| Cross-Curricular Challenge: Art and Maths: Fibonacci **Instructions:**1. **Research Leonardo Fibonacci** to see what you can find out about this 12th century mathematician.
2. Draw circles on the coloured paper. The size of each circle is based on the Fibonacci number sequence. Decide how big you are going to want your circles. I made two sizes. One based on a circle with a 1/4 inch radius and another based on a radius of 1/2 inch. Both sizes will fit on a standard size paper.

So, for example, the radii of my Fibonacci sequence circles were as follows:1/4, 1/4, 1/2, 3/4, 1 1/4, 21/2, 1/2, 1, 1 1/2, 2 1/2, 4Confused yet?1. If you make multiple circles in two differently sized sequences, label the back of each circle. If you don’t do this you might have to go back and figure out which circle is part of which sequence!
2. Once you’ve determined the size of your circles, simple create as many as you want and cut them out.
3. Once the circles are cut out, experiment with arranging them in different ways on to the white paper.
4. Now glue them into place.

**Equipment:*** Compass
* Ruler
* Pencil
* Coloured paper
* White paper
* Glue stick

A close up of a logo  Description automatically generatedA picture containing food, drawing, room  Description automatically generated |