

## BRINGING "GROWING PATTERNS" TO LIFE

## You Will Need...

- Sheet of paper, folded in half
- Premade graphical representation of the
- growth pattern in "<u>Anno's Seeds</u>"
- Coloured markers

- Conductive tape
- 3-5 LED lights
- 3V coin cell battery
- Butterfly clip

## **Instructions:**

Fold your sheet of paper in half widthwise.

Before moving forward, take some time to create a graphical representation of the growth pattern present in the book "Anno's Seeds" on the front side of the paper (see: top half of image).

Inside the folded paper, use the conductive tape and LED lights to construct a <u>parallel circuit</u>.

For the best effect, your circuit should be created so that you can light up a specific part of your graph (e.g., the seeds that are eaten each year).

Does yours look like the one displayed here? If not, how is yours different?



## Note:

Why not use a <u>series circuit</u>, which is easier to build?

For additional patterning activities with coding, visit: <u>Solve</u> <u>CODING PUZZLES with growing patterns.</u>



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