Algorithmic Doodle Art 13: William Morris inspired art

Landscapes in films are often computer generated. Ever wondered how they do it? Next time you find yourself doodling, draw an algorithmic doodle and explore algorithms for drawing nature. Here is an example Doodle Algorithm that is inspired by the art of William Morris.

To DoodleDraw a blue leaf stem design:

1. Draw a wavy light blue line.

2. Draw blue leaf shapes up the left-hand side of the line, leaving a gap somewhere along the length.

3. Draw blue leaf shapes up the right-hand side of the line, leaving a gap somewhere along the length.

4. Draw a blue leaf shape from the very end of the line.

5. **DoodleDraw** a blue leaf stem design on the left-hand side of the wavy line out of the gap left.

6. **DoodleDraw** a blue leaf stem design on the right-hand side of the wavy line out of the gap left.

After steps 1-4 you may have something a little like this:

Different algorithms give different looking trees, grasses, ferns, snowflakes, crystals, so now try inventing your own doodle art algorithms and see how realistic the drawings you end up with are.