Digital Images

Pictures can be generated as they are needed by following algorithms, producing a different picture every time.

Doodle Algorithms

ONE SOLUTION

By following the algorithm (the instructions), draw a leafy branch.

To Draw a Leafy Branch:

1. Draw a wavy green line with three leaves at the end as shown.
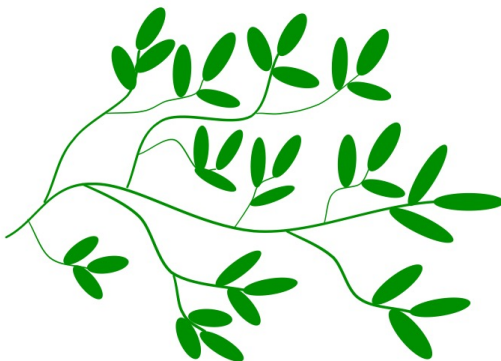2. DoodleDraw from that line as follows.

To DoodleDraw from a chosen line:

1. Draw a new wavy line from it with 3 leaves at the end.
2. Choose a new existing line and DoodleDraw from that line

Create your own variations of this Doodle Algorithm. Add more leaves, berries or buds to the instructions, for example.

Tick the circle when you have attempted the puzzle and so practised the skill.

Skill:
Algorithmic Thinking

Well done if you have solved all the puzzles! You have great thinking skills and are well on the way to building the skills to be a great Computer Scientist! If not, keep practising. You will get better.

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