

al·go·rithm

/ˈalgəˌrɪθəm/ 

noun

noun: **algorithm**; plural noun: **algorithms**

A procedure or formula for solving a problem or performing a task based on a sequence of actions.

Think of an everyday task. Imagine you can have a robot to perform that task for you. Create a simple algorithm to help the robot learn how to complete the task in six or less steps.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

For the Rock – Paper – Scissors workshop, the following might be an algorithm for breaking the game down to manageable pieces.

1. Create an image for each item Rock, Paper and Scissors
2. Display a simple set of instructions on how to play the game
3. Detect if the device has been shaken (optional: detect when a button has been pressed)
4. Select a random image to display
5. Display the image

