

Pattern Creator

60 minutes

Digital Creation Lab

WHAT THIS LESSON DOES

Get ready to create amazing patterns in Scratch! In this lesson, you'll learn to use the pen tool and variables to design unique patterns. Follow the steps to code spirals, adjust colours, and experiment with different sizes.

WHAT STUDENTS SHOULD BE ABLE TO DO

- Master the use of Scratch for pattern creation.
- Understand and apply the use of variables in creating complex shapes and patterns.
- Manipulate the pen tool to draw and create unique patterns.
- Experiment with different degrees and pen sizes to alter pattern outcomes.
- Apply creativity in coding to produce vibrant and unique patterns.

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HOW THE LESSON RUNS	
	Introduction to Pattern Creation
	Create a new Scratch project
	Add the Ball sprite
	Add the Pen Extension
	Draw a circle
	Create some variables
	Use the steps and degrees
	Change the degrees
	Add some colour
	Change the pen size
	Play around
	Wrap up