

Artist: Nested Loops

Lesson time: 30 Minutes

LESSON OVERVIEW

Students use the Artist environment to write programs that have looped statements inside another loop, which is called a nested loop.

TEACHING SUMMARY

Getting Started

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Activity: Artist: Nested Loops

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LESSON OBJECTIVES

Students will:

- Count the number of times an action should be repeated and represent it as a loop
- Divide the number of degrees in a circle into even segments
- Given a number of segments, calculate the degrees need to complete a circle
- Break complex tasks into smaller repeatable sections
- Combine simple shapes into complex designs with nested loops

GETTING STARTED

Introduction

ACTIVITY

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