

Artist: Binary

Lesson time: 30 Minutes

LESSON OVERVIEW

Rounding out Course 4 is the Artist: Binary lesson. Here, students will build binary images, translating 0s and 1s to offs and ons (or blacks and whites).

TEACHING SUMMARY

Getting Started

[Introduction](#)

Activity: Artist: Binary

[Artist: Binary](#)

LESSON OBJECTIVES

Students will:

- Match binary sequences to encoded images
- Utilize loops and binary code to recreate provided images
- Identify repeated sequences and break long codes up into smaller chunks that can be looped
- Create pictures using unique combinations of on and off

GETTING STARTED

Introduction

To begin, it can be helpful to review the previous lesson, specifically different ways of using binary to indicate how to create an image on a grid. This stage will translate the unplugged activity into a simple, independent online lesson.

ACTIVITY

[Artist: Binary](#)



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