

octostudio Educator Guide Animate your Ideas



Overview

Think of an issue you care about in your community or environment, and animate a project to share what you would like others to learn or think about it.

In the process of designing their animations, participants will identify and engage in problem-solving and develop new ways of expressing their ideas.

Age

9 and up

Time

60 minutes

The time and age range can be adapted to your own context

Learning Goals

- Develop communication skills by creating an animation to share about an issue that is important to you
- Feel empowered by raising awareness and communicating ideas

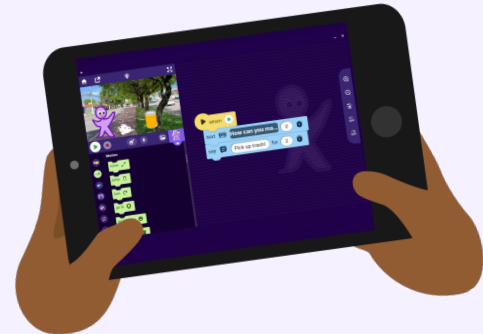
Related Curriculum Connections

This activity can be connected to Sciences, Digital Literacy, Language Arts, Sustainable Development Goals, and more.

Activity Design

This activity was co-designed by the OctoStudio team at the **Lifelong Kindergarten Group**, **MIT Media Lab** and the **National Geographic Society**. You can use, adapt and translate this resource under the **Creative Commons license CC BY-NC-SA 4.0**.

OctoStudio



This activity is designed to be used with OctoStudio, a coding app from MIT that works on mobile devices and Chromebooks.

OctoStudio is completely free, without any ads or in-app purchases, and it works without access to the internet.

To learn more, go to octostudio.org.



Explorer Story

Hi, I'm Qiyun Woo, a climate communicator, illustrator, and National Geographic Explorer from Singapore!

I grew up in a tropical city, that's also an island, in Southeast Asia called Singapore. People living in a country with many buildings and a high population are often not as connected to wild nature. Instead, the nature that I and many in my community are familiar with is **geopark** parks and nature reserves with paved roads. Our city lives are made up of clean public transport systems and fast-paced **digital** jobs. They are lives that require high amounts of **consumption**.



Animate your Ideas was inspired by National Geographic Explorer **Qiyun Woo**.





Activity schedule

Imagine

10 min

Slides 3-7

Introduce the theme
Let's use OctoStudio to share about an issue that we care about.

You can use the **Slides** to show inspiring example projects. 



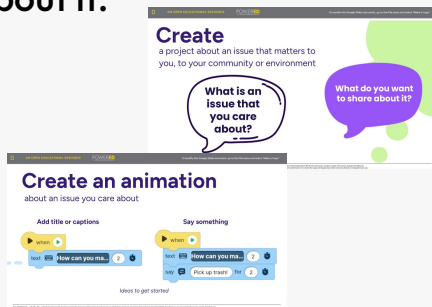
Create

35 min

Slides 8-12

Spend time creating
Create a project about an issue that matters to you!

Encourage all to start exploring the app by asking:
What is an issue that you care about?
Make a project sharing an idea or something you wish more people knew or think about it.



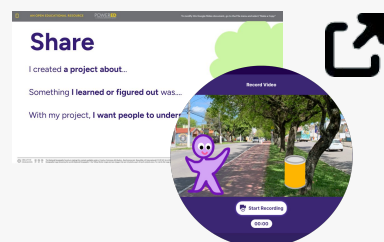
Share

15 min

Slide 13

Share with each other
It's time to share our work in progress!

Invite students to talk about their creative process, with:
I started a project about...
I figured out how to...
I would also like to try...



Projects can be shared as video, GIF or OctoStudio file.


Learning Resources

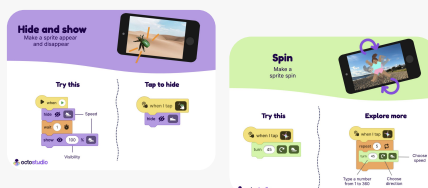
Slides & speaking notes 



Student Handout 
 An overview of the activity



OctoStudio Coding Cards 
 Examples of code to make specific things in the project



Scan for all the learning resources 