



Anything is Possible!

Storytelling with Scratch

Creative Coding Facilitation Guide

Designed for remote and in-person learning





Scratch is a free platform where you can create your own interactive stories, animations, or games.

It is available to use online at scratch.mit.edu.

To download the offline version, go to scratch.mit.edu/download.



SCRATCH

With this guide, you can plan and facilitate a one-hour creative coding workshop using Scratch!

Participants will gain experience coding while animating an interactive story.



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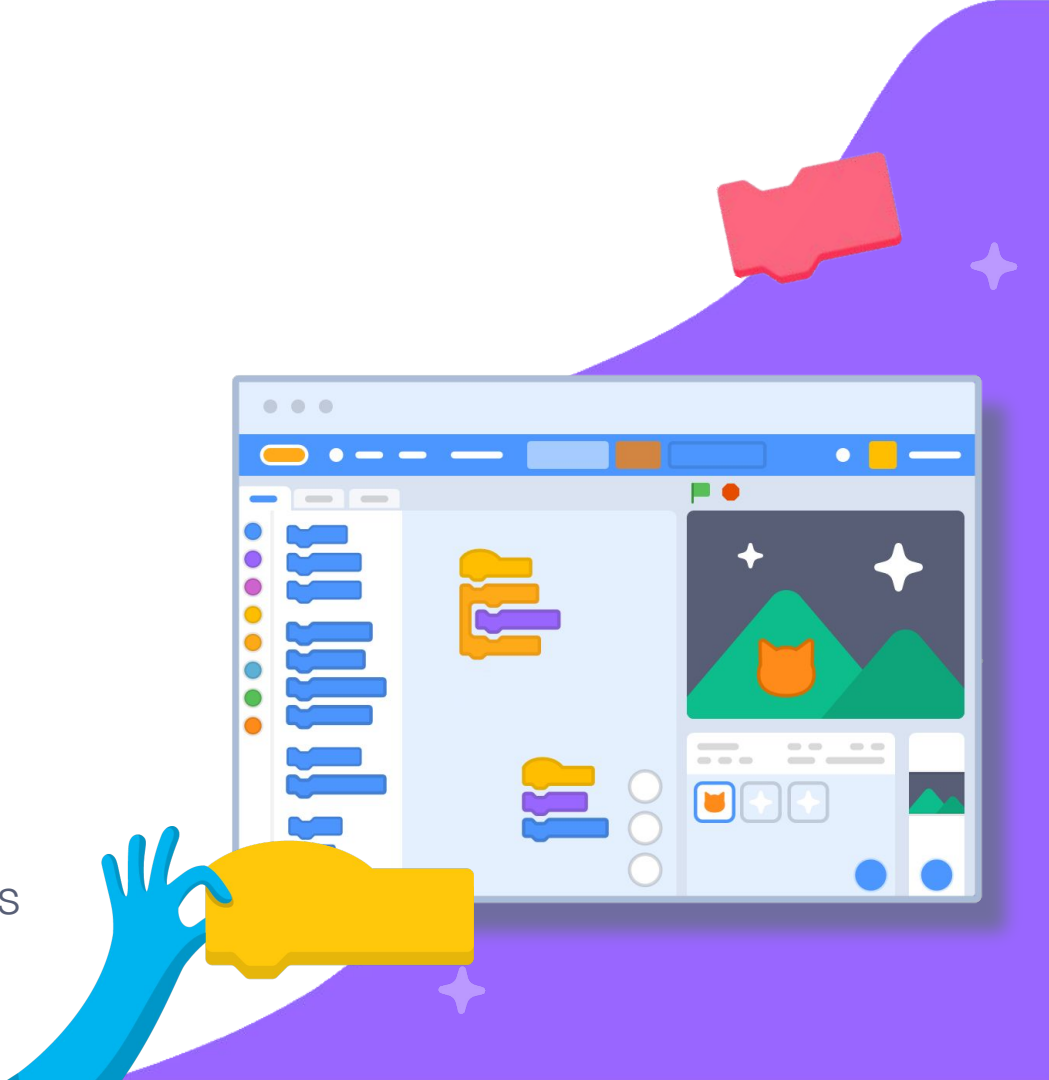
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Getting Started with Scratch

There are a variety of resources and tools to help you get up and running with Scratch.

New to Scratch?

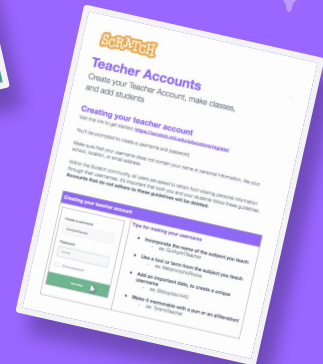
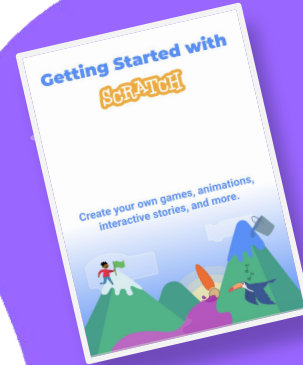
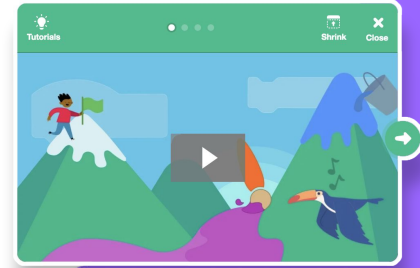
To learn the basics, try creating a project of your own with the Getting Started tutorial: scratch.mit.edu/create

Getting Started Guide

This guide will show you the basics of Scratch in greater detail, connect you with resources, and includes some fun tips for what to do next, like create your own art using Scratch's tools for drawing and editing art: [Getting Started Guide](#)

Teacher Accounts Guide

Creating a teacher account on the Scratch website allows you to create accounts for your students, help them manage passwords, and create Scratch Studios, where all of your students can share their projects: [Teacher Accounts Guide](#)



Create a Story Resources

For Students

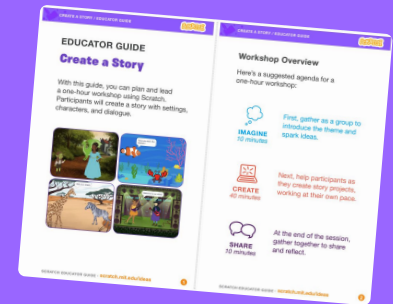
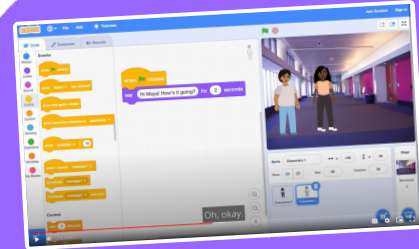
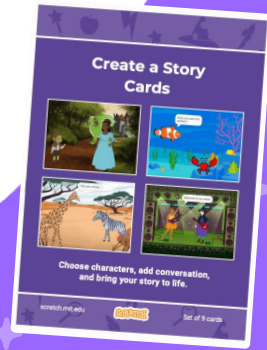
Create a Story Scratch Tutorial: Scratch offers tutorials that open in the online editor. The *Create a Story Tutorial* starts with a short video full of ideas and inspiration. After the video, click the green arrow for step-by-step tips.
bit.ly/scratchstorytelling

Create a Story Scratch Coding Cards: The *Create a Story Scratch Coding Cards* are a more detailed scaffolding tool for students to explore specific blocks and actions if they need some helpful prompts.
bit.ly/scratchstorycards

For Educators

Create a Story Video Tutorial: The *Create a Story* video includes audio and visuals that guide you through developing a narrative in the Scratch editor.
bit.ly/narrativelive

Create a Story Educator Guide: The *Create a Story Educator Guide* is a companion to this slide deck. It will provide additional guidance on facilitating a storytelling activity with students.
bit.ly/storyeducatorguide



Remote Facilitation Tips

Code collaboratively

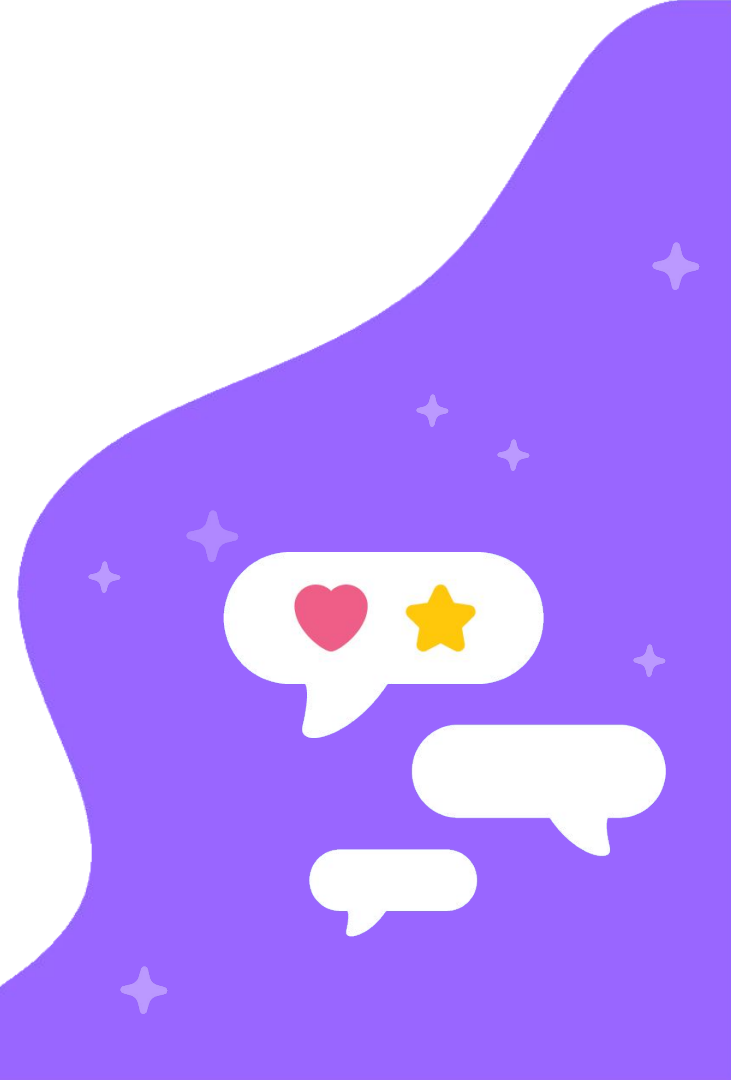
Start by sharing your screen and coding together. Invite students to suggest what to add next, from new sprites to blocks of code.

As students move on to creating individual projects, encourage students to share their screens when they discover something new, or when they want help debugging.

Create Community

[Create a Scratch Studio](#) for your workshop, and encourage students to add their projects. Having a studio for projects allows students to check out each other's code, remix projects, and help each other debug.

Studios are also a great workaround if you're using a video-conferencing platform that doesn't allow students to share their screens. You can access individual projects in the studio, and share them on your screen.



Facilitator checklist

There are a few things you can do prior to your class or workshop, to help things run more smoothly.

- Check to see if students have Scratch accounts, and that they can successfully log in.
 - If they do not already have accounts, you can create accounts for them if you have a [teacher account](#).
- Preview the contents of this guide, including the slide deck which starts on page 10
- [Preview the tutorial](#) video, and the steps to the tutorial, by clicking the green arrow
- Create a studio for your class or workshop
- Add the link to the studio you've created in the box on slide 24.



Workshop Overview

Imagine (10 minutes)

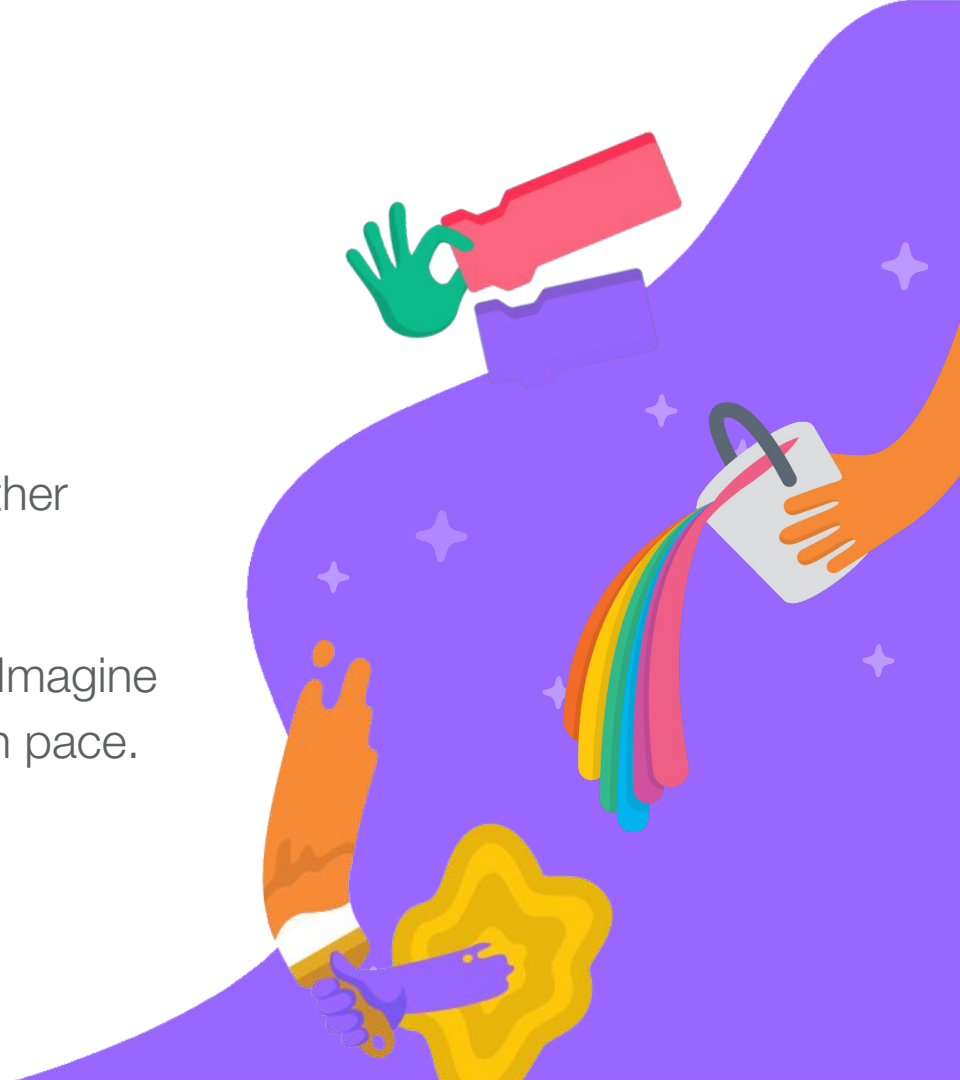
- Welcome everyone
- Introduce project (video)
- *Create a Story* warm-up activity
- Demonstrate Scratch by coding together

Create (30-40 minutes)

- Help participants as they create their Imagine a World projects, working at their own pace.

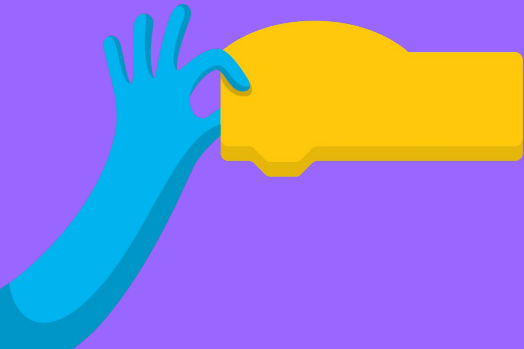
Share (10-20 minutes)

- Gather together to share and reflect





Facilitator Slide Deck





Anything is Possible:
Storytelling with Scratch!

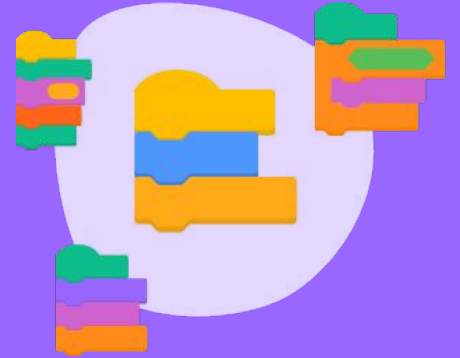




With the Scratch **Create a Story** tutorial we'll use **coding** to create projects based on our **interests** and **imagination**.



We'll **experiment**, **explore**, and **problem solve** together,



then we'll share what we've created with each other.

Imagine | Warm Up (10 minutes)

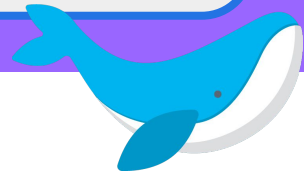


The universe is filled with interesting characters to imagine! Can you think of a person, animal, or thing that you would like to bring to life in Scratch?

What person, animal,
or thing do you
imagine?

What would
it say?

Who or what might
it talk to? Where
would it like to go?



FACILITATOR TIPS

- Start this activity by sharing your own example.
- Give everyone time to think before you open the conversation up for sharing.

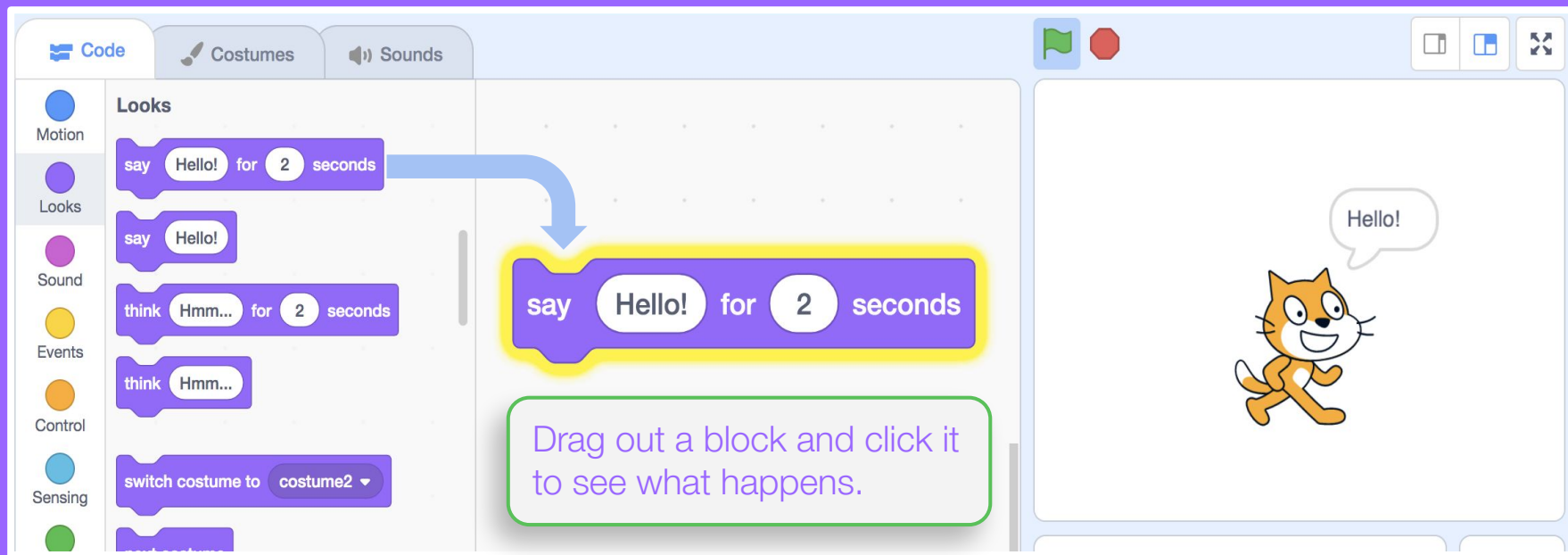
Create (30-40 minutes)

To get started, let's go to [**bit.ly/scratchstorytelling**](https://bit.ly/scratchstorytelling), and watch the short tutorial video together.



Once the video is finished, you can click the green arrow to view the following steps of the tutorial.

Create | Let's try coding together!



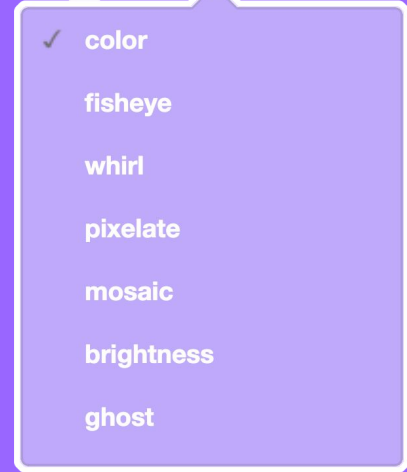
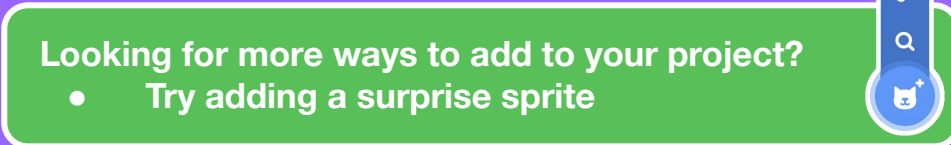
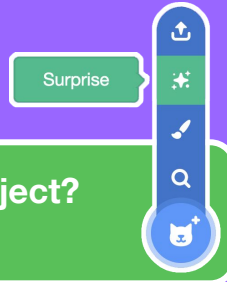
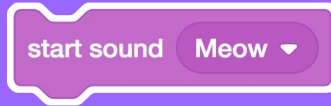
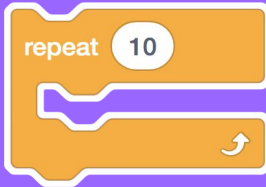
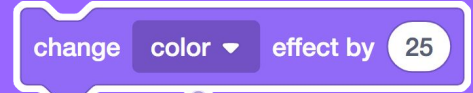
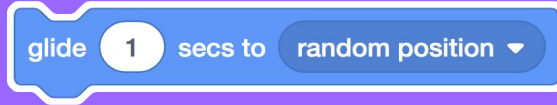
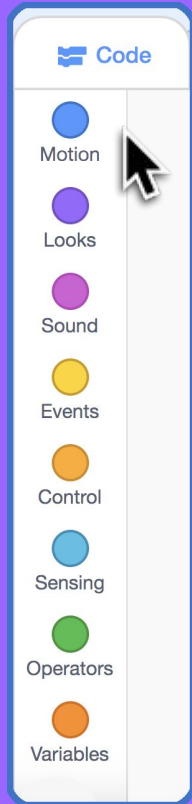
FACILITATOR TIP

Jump right into coding together! If you're facilitating remotely, share your screen and invite participants to suggest what to do next. If you're at home together, take turns "driving."

Try editing the
text fields in
the blocks.

Create (30-40 minutes)

Not sure what to do? Try something new!
Explore the different categories of blocks.



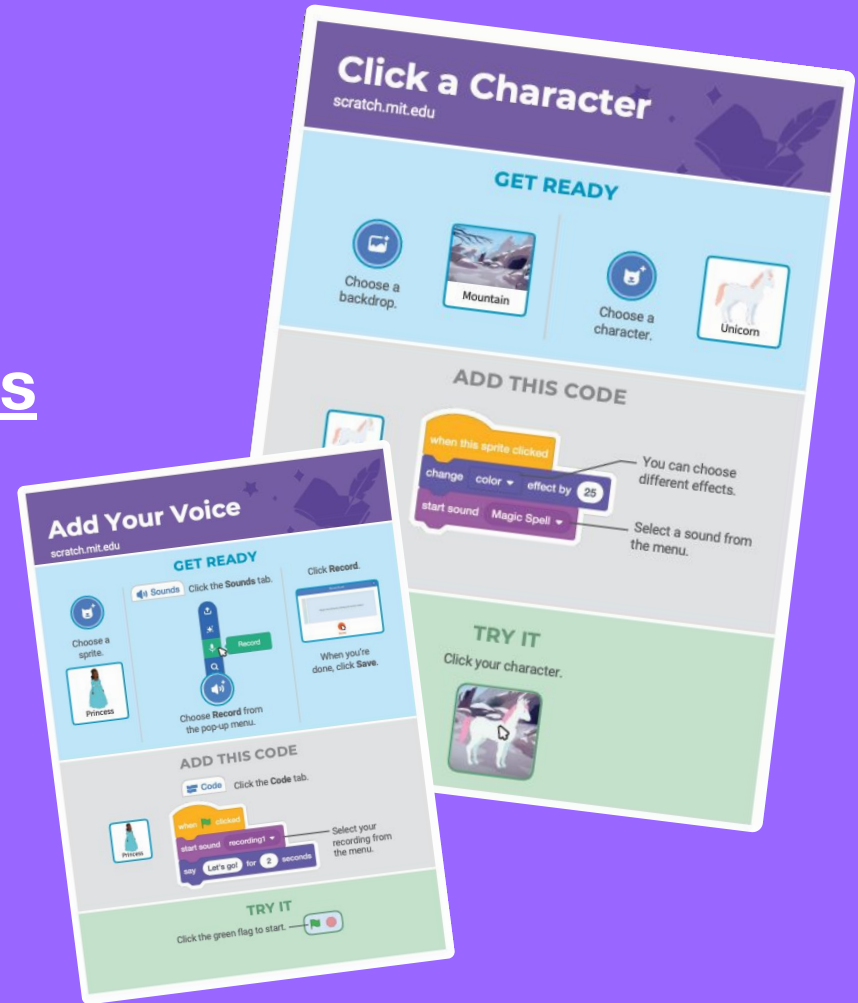
Create (30-40 minutes)

Need a little extra support?

Choose one of the

Create a Story Coding Cards

for additional ideas and tips!

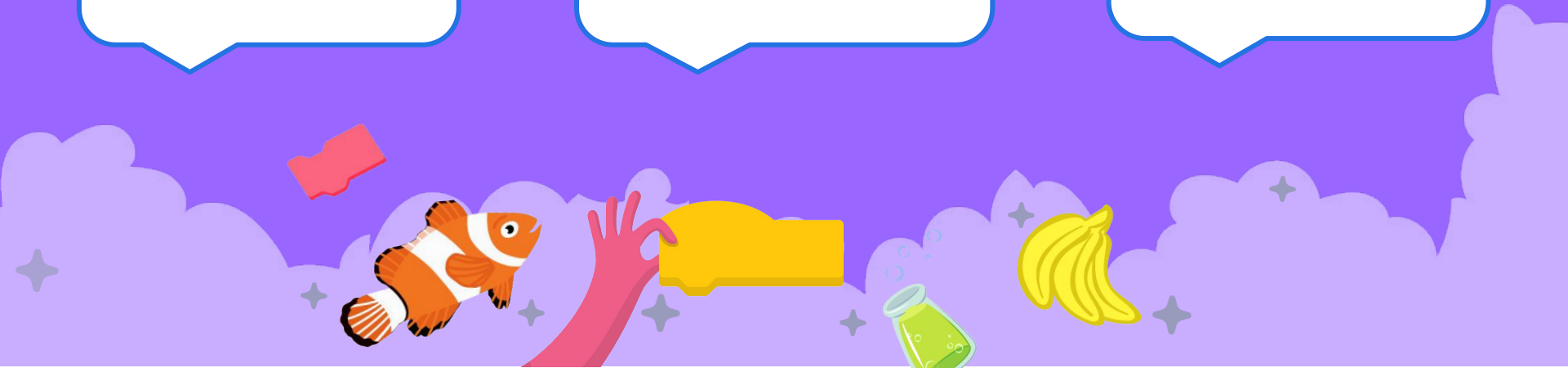


Share (10 minutes)

What is something unexpected you discovered?

What was the most challenging part of creating your project?

If you had more time, what would you add or change?



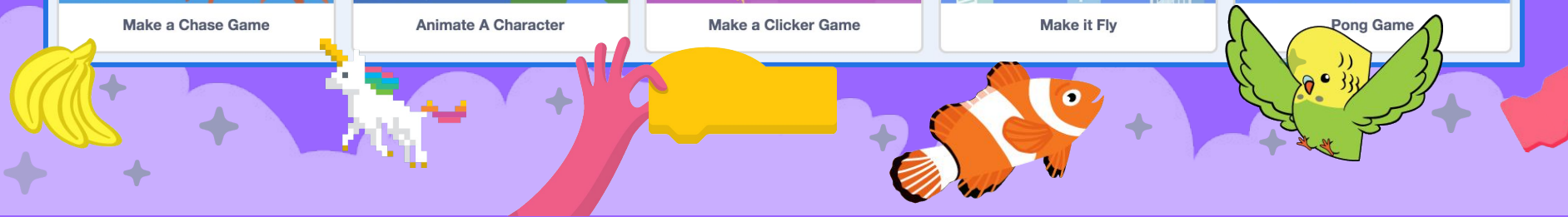
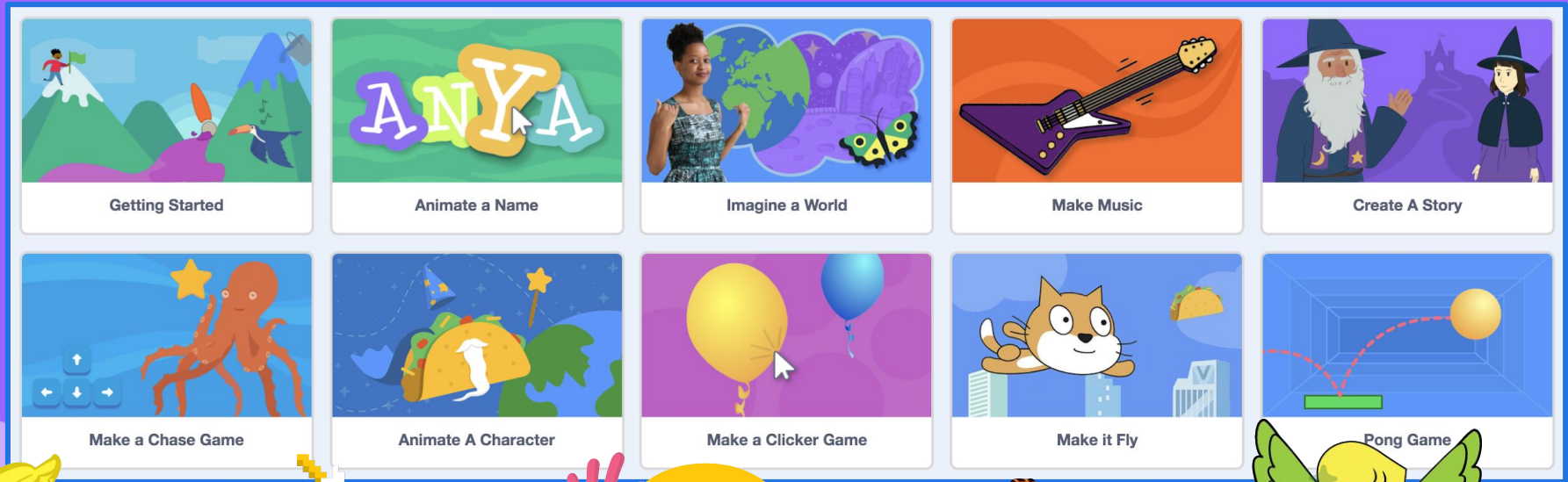
FACILITATOR TIPS

Encourage students to share their projects.

If students aren't able to share their screens, have them share links to their projects using the chat function of your video conferencing platform, then share their projects from your screen.

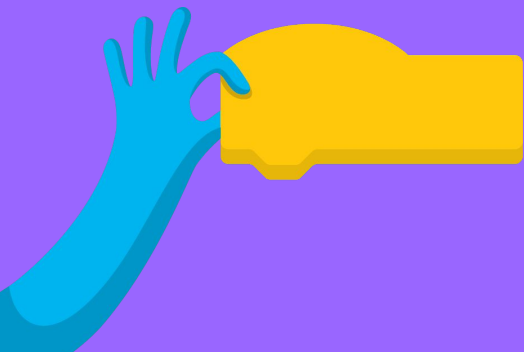
Thanks for Scratching with us!

To keep creating with Scratch, go to scratch.mit.edu/tutorials



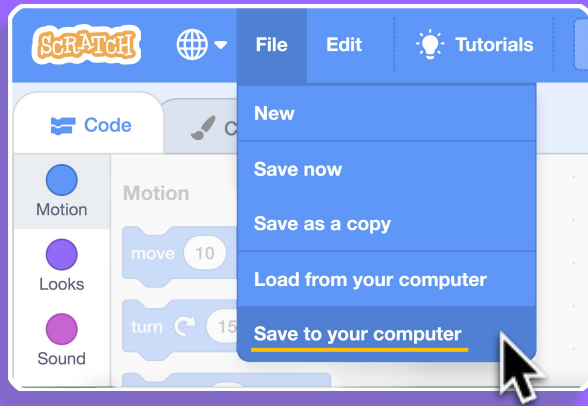


**Need help saving, sharing,
or adding your project to a studio?**

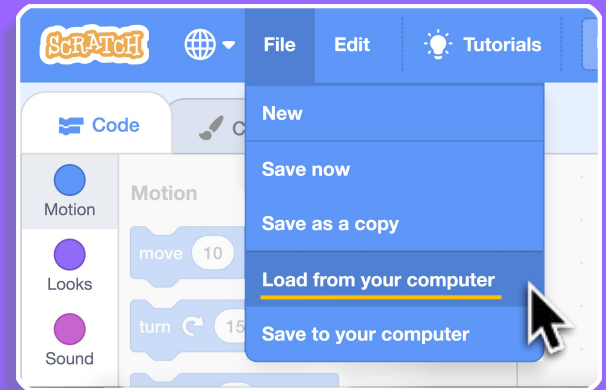
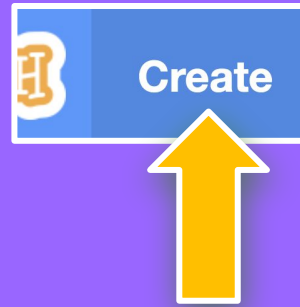


Saving

If you have a Scratch account, *your project will save automatically.*



If you don't have a Scratch account yet, you can save your project to your computer. Click **File**, then choose **Save to your computer**.

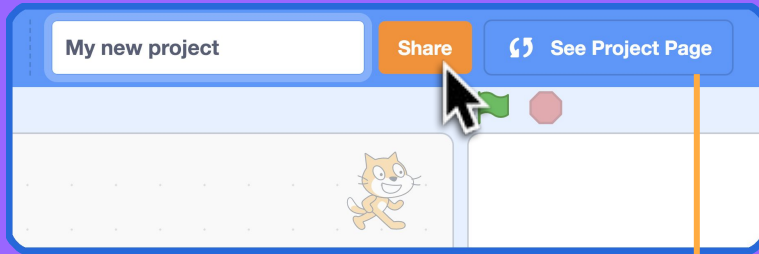


Next time you want to work on your project, go to scratch.mit.edu and click **Create**.

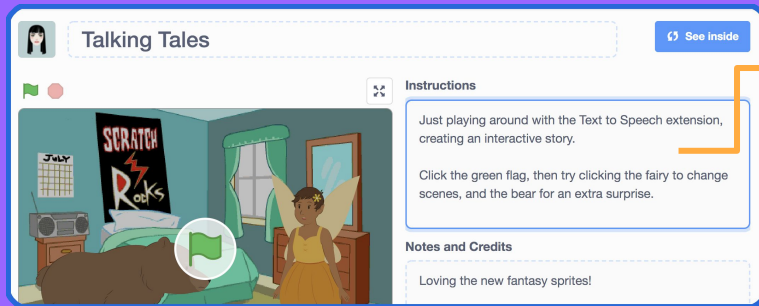
Then click **File**, choose **Load from your computer**, and upload your project.

Sharing your project with the Scratch community

If you have a Scratch account, you can share your project, and add it to studios.



Click the orange **Share** button above the Scratch editor to share your project with the Scratch community.



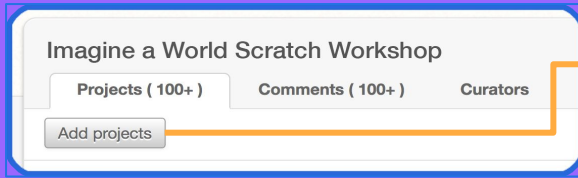
Click this button to go to the **project page**. This is where you can add instructions and notes about your project.

Now other Scratchers can see and interact with your project!

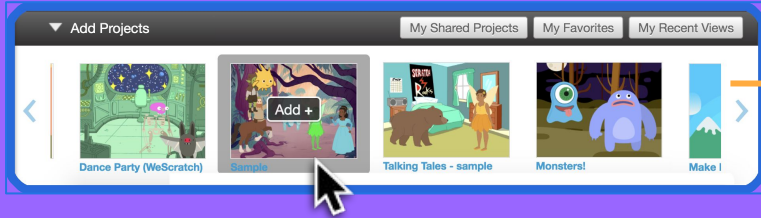
Adding your project to the workshop studio

Add the link to the studio you've created for your workshop here.

Navigate to this link .



Click **Add projects** at the top of the studio.

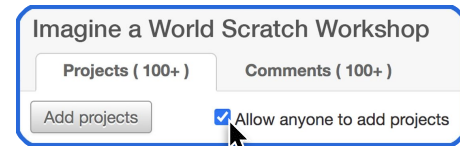


Your projects will pop up at the bottom of the page. Select the project you want to add to this studio.

Note: In order to add your project to a studio, it must be **shared**.

FACILITATOR TIP

If workshop participants cannot add their projects to your studio, make sure you've checked the box to "Allow anyone to add projects" at the top of your studio.



Hour of Code Certificate & Beyond

Check out code.org/api/hour/finish to:

- Receive a certificate that you completed the Hour of Code
- See leaderboards about which countries/cities have the highest participation rates in Hour of Code activities
- Find more activities to engage in creative coding



Remix this Guide!

Make a copy of these Google Slides to customize or translate using this link: bit.ly/3gzmOYj

(You must be signed in to Google Drive to view and make a copy)

