

Scratch Day Activity Ideas

SCRATCH DAY

Use these activity ideas and sample descriptions to help plan your Scratch Day agenda.

Demo

Show participants how to create their first project using Scratch or ScratchJr by demoing these activities.

- [Getting Started with Scratch \(link\)](#)
Learn Scratch fundamentals, create your first project, and share it with the community with the help of the Getting Started tutorial.
- [ScratchJr \(link\)](#)
Try out the ScratchJr app, where caregivers and children can work together to create their own interactive stories and games.



Project Workshops

Mix and match these activities to use throughout your Scratch Day.

- [Animate Your Name \(link\)](#)
Make your name come to life! Animate the letters of a name, initials, or favorite word.
- [Scenes From A Story \(link\)](#)
Animate your favorite scenes from a book, movie, or play.
- [Animate A Shape](#)
Bring simple geometric shapes to life using animation effects, color, and sound.
- [Create A Virtual Pet \(link\)](#)
Code your own virtual pet with sounds, animations, or other effects.
- [Greeting Card](#)
Make an interactive greeting card for a friend.
- [Getting Started in ASL \(link\)](#)
Use the Getting Started with Scratch tutorial in American Sign Language (ASL) to bring characters to life.
- [Scratch Lab \(link\)](#)
Explore experimental blocks developed by the Scratch team!
- [Pong \(link\)](#)
Design and code a bouncing ball game, then challenge your friends to play.
- [Flying Character Game \(link\)](#)
Design a game to help a character avoid flying into obstacles.
- [Maze](#)
Navigate a sprite through a maze by coding impassible walls.

Unplugged Creative Learning Activities

Include some unplugged activities that encourage experimenting with materials in new ways!

- **[Making Faces Activity by the Tinkering Studio \(link\)](#)**

Use craft materials, small objects, and recyclables to design your own self portrait. Consider bringing it into Scratch to animate!

- **[ScratchJr Printable Blocks \(link\)](#)**

Use the printable ScratchJr blocks on this page to create your own unplugged project activity.

- **[My First Computer \(link\) by Hello Ruby](#)**

Hello Ruby is a “whimsical way to learn about technology, computing and coding.” My First Computer is a creative introduction to technology and computational ideas.



Collaborative Activities

Participants can work in groups on a collaborative Scratch project.

- **[Creative Character Conversations](#)**

Code a conversation between two favorite characters.

- **[Dance Party](#)**

Code a dancing sprite, add it to a dance party project, and watch it dance with other sprites from the group.

- **[Use a webcam](#)**

Use video sensing to insert yourself and others into an interactive Scratch project with a webcam.

- **[Show and tell](#)**

Show off and explain your favorite Scratch creations, then teach your skills to the group.

- **[Make a beat \(link\)](#)**

Add loops or beats from Scratch or your own recordings, pass it on to a friend, and layer the beats to make a song.



Physical World Activities

Make connections to the physical world with these hands-on activities.

- **[MaKey MaKey & Scratch \(link\)](#)**

Turn conductive items into keyboard keys by programming MaKey MaKey with Scratch. Create games, instruments, or interactive drawings.



- **[Micro:bit & Scratch \(link\)](#)**

Create a game controller or trigger actions in a Scratch project with a micro:bit device.

Scratch for Educators and Caregivers

Introduce members of your community to Scratch with these resources.

- **Scratch in your school**

Explore Scratch Educator Meetups and the Creative Computing Guide. Brainstorm ways to bring Scratch to your school.

[Scratch Educator Meetups \(link\)](#)

[Creative Computing Guide \(link\)](#)

- **Scratch in your community**

Start a conversation: How might you bring Scratch to your children's clubs and camps?

- **Family Creative Learning**

Use the [Family Creative Learning Facilitator Guide \(link\)](#) to start planning creative computing workshops for whole families.

