

ScratchLab!

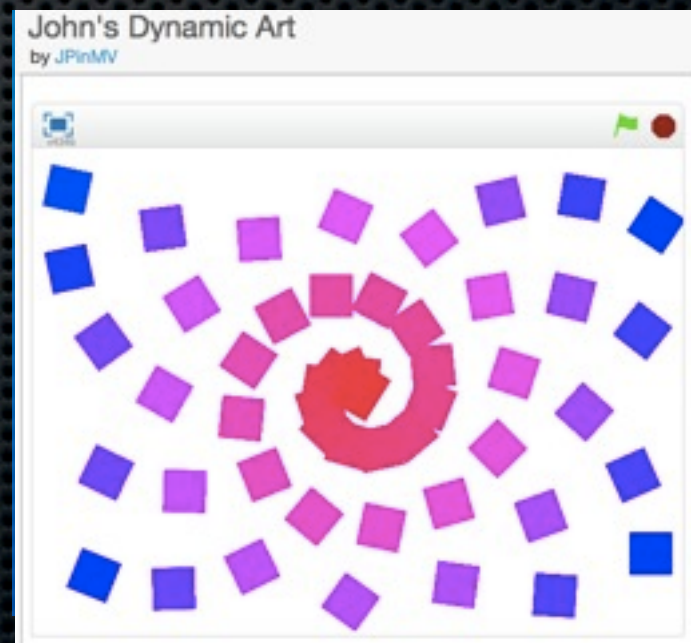
ScratchLab

“Beginner” Projects!

Paint With
Gobo Remix



Dynamic
Graphical Art





ScratchLab

Project Checklist: Paint with Gobo Remix

Name: _____

- ☐ 1. Add Player size controls
- ☐ 2. Add a Costume to Player sprite
- ☐ 3. Add Arrow Key Direction Controls
- ☐ 4. Add Sounds
- ☐ 5. Add a Background

Project Completed:

☐

Share Project at:

scratch.mit.edu/projects/ _____

ScratchLab Project Guide

Project: Paint With Gobo Remix

First:

Find the App

- 1) Go to scratch.mit.edu
- 2) Search for "Paint With Gobo" on Scratch. Like this:



- 3) Now click on the "Paint With Gobo by Scratch" app.

Play It!

Follow the instructions: click green flag to start; try both cursor movement and space bar clicks; click stop sign to stop.

Click "See Inside" to see the code.

1. Add Player Size Controls



——>> from "Events" menu

——>> from "Control" menu

——>> from "Sensing" menu, then change key to "z"

——>> from "Looks" menu

Next: Copy above block using "Duplicate" tool:



Next: in the copied script:



----->> change "z" to "x"

----->> change "10" to "-10"

Result: Now "z" makes player larger, "x" makes player smaller

“Apprentice” Projects

Mirror
Drawing

Maze
Game

Your
Choice

Car Race
Game

Pong

Pair Programming

- ✦ A video about how we work together

- DO:** BE RESPECTFUL
- DO:** TALK TO ONE ANOTHER ABOUT THE WORK
- DO:** EXPLAIN WHAT YOU ARE DOING
- DO:** THINK AHEAD AND MAKE SUGGESTIONS
- DO:** SWITCH ROLES OFTEN
- DON'T:** BE A BOSSY NAVIGATOR
- DON'T:** GRAB THE DRIVER'S MOUSE/KEYBOARD

Shut Down/Clean Up

Same 5-step shut down each week:

- 1) “Sign out” of Scratch
- 2) “Quit” your browser
- 3) “Log out” of wifi
- 4) Put computer to sleep.
- 5) Clean Up! Leave desk area as you found it: neat!

Show & Tell!



ScratchLab

Session 2

- DO:** BE RESPECTFUL
- DO:** TALK TO ONE ANOTHER ABOUT THE WORK
- DO:** EXPLAIN WHAT YOU ARE DOING
- DO:** THINK AHEAD AND MAKE SUGGESTIONS
- DO:** SWITCH ROLES OFTEN
- DON'T:** BE A BOSSY NAVIGATOR
- DON'T:** GRAB THE DRIVER'S MOUSE/KEYBOARD

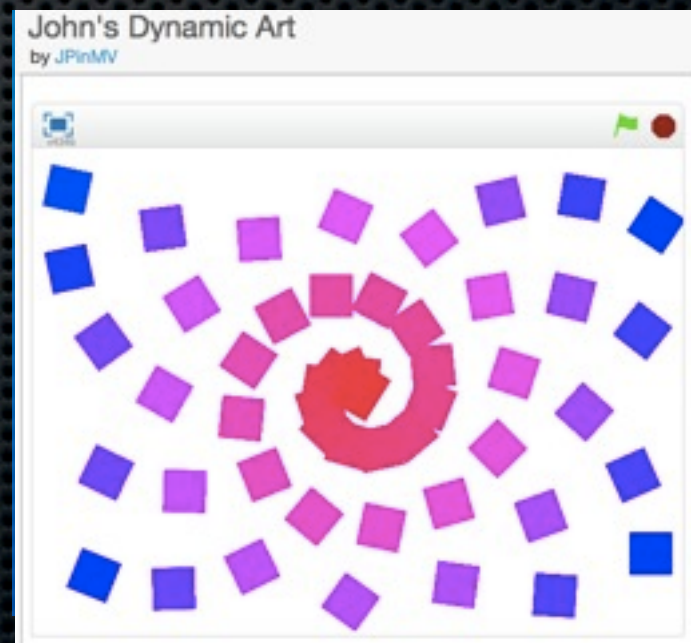
ScratchLab

“Beginner” Projects!

Paint With
Gobo Remix



Dynamic
Graphical Art





ScratchLab

Project Checklist: Paint with Gobo Remix

Name: _____

- ☐ 1. Add Player size controls
- ☐ 2. Add a Costume to Player sprite
- ☐ 3. Add Arrow Key Direction Controls
- ☐ 4. Add Sounds
- ☐ 5. Add a Background

Project Completed:

☐

Share Project at:

scratch.mit.edu/projects/ _____

ScratchLab Project Guide

Project: Paint With Gobo Remix

First:

Find the App

- 1) Go to scratch.mit.edu
- 2) Search for "Paint With Gobo" on Scratch. Like this:



- 3) Now click on the "Paint With Gobo by Scratch" app.

Play It!

Follow the instructions: click green flag to start; try both cursor movement and space bar clicks; click stop sign to stop.

Click "See Inside" to see the code.

1. Add Player Size Controls



——>> from "Events" menu

——>> from "Control" menu

——>> from "Sensing" menu, then change key to "z"

——>> from "Looks" menu

Next: Copy above block using "Duplicate" tool:



Next: in the copied script:



----->> change "z" to "x"

----->> change "10" to "-10"

Result: Now "z" makes player larger, "x" makes player smaller

“Apprentice” Projects

Wizard
Wars

Dynamic
Art

Your
Choice

Car Race
Game

Pong

ScratchLab Class Home Page

[All ScratchLabs](#)

Getting Credit for Projects

When you finish a Project:

1. Get a Coach's sign off
2. Share
3. Enter the project number on the Project Checklist
4. Bring the Checklist to the Leader to update Class home page

Pair Sharing

1. Copy Project URL
2. Sign Out of first account
3. Sign In to second account
4. Paste Project URL
5. "See Inside"
6. "Remix" saves to second account

