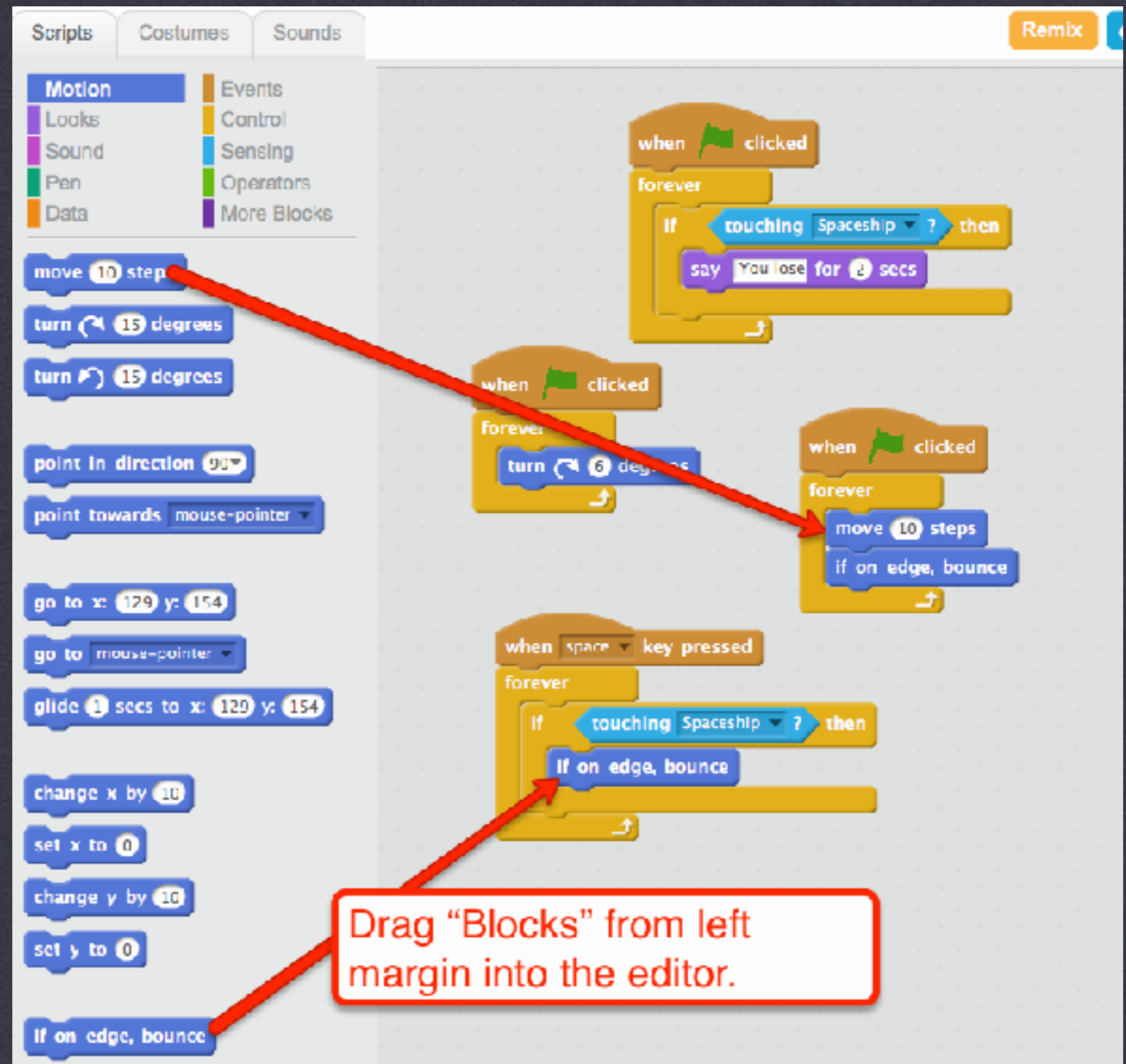


**LETS START AT THE VERY  
BEGINNING....**

**BLOCK-BASED CODING**

# WHAT IS BLOCK-BASED CODING?

UNLIKE  
TRADITIONAL,  
TEXT-BASED  
CODING, BLOCK  
CODING  
INVOLVES  
DRAGGING  
BLOCKS OF  
INSTRUCTIONS  
INTO AN EDITOR.



# THE TWO MOST POPULAR:



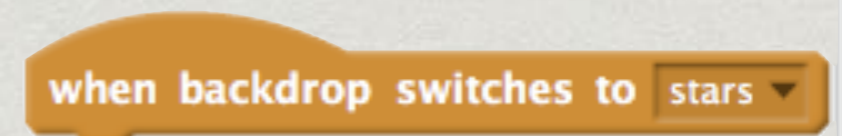
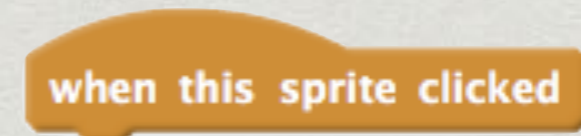
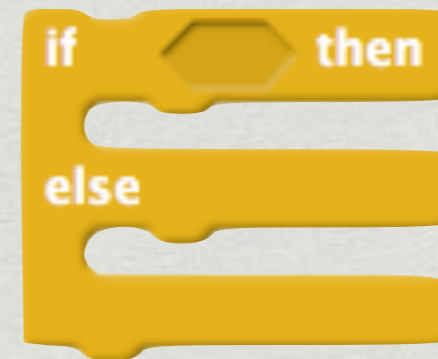
[scratch.mit.edu](https://scratch.mit.edu)



[code.org](https://code.org)

# What's so great about block coding?

- \* Low entry barrier—for both students AND teachers
- \* Teaches programming concepts
  - \* operators
  - \* events
  - \* control structures
- \* Fosters experimentation and creativity



# What's NOT so great about block coding?

- \* Traditional de-bugging is limited
- \* Can create some bad habits, especially if the goal is to teach traditional coding languages

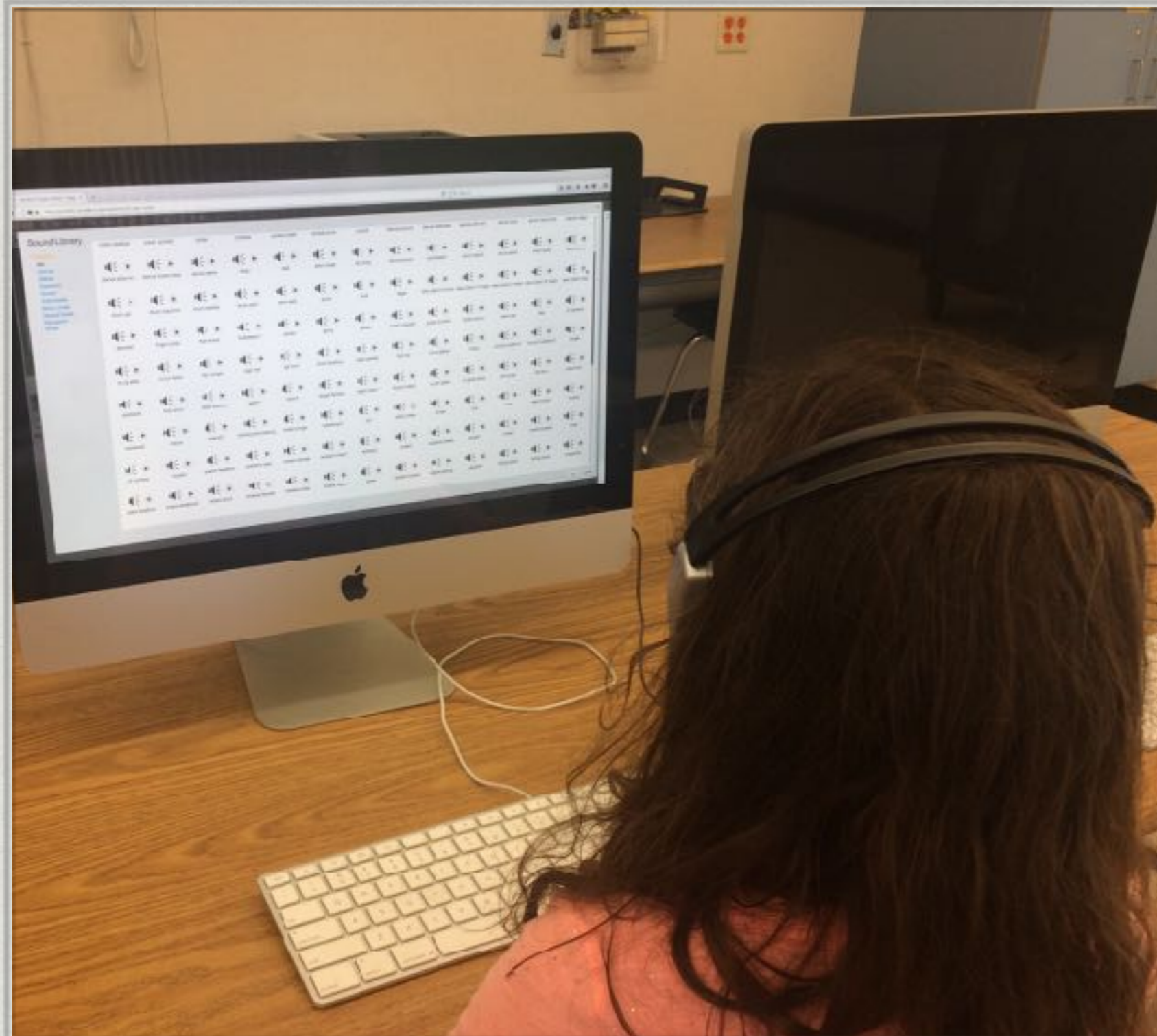


# SCRATCH



## MY EXPERIENCE TEACHING SCRATCH

# Experimentation



# Collaboration



# Creativity



# Sharing & Remixing




 **How Star Wars Episode**  
WazzoTV



 **Cat's Step Adventure -P**  
shu279



 **Ninja Blitz**  
-Waterfall-




 **Space Frenzy**  
kevin\_eleven\_1234



 **Alarm Clock**  
Hobson-TV



 **happy new year ! (PEN)**  
internet44




 **FAST FOOD - Ar**  
ToadfanSchool




 **TILT- A Platformer (New)**  
1dat\_doodles



 **What about us ? (COMP)**  
\_MistyLight\_



 **Spinning**  
ceebee



 **The Patronus Charm**  
Dhill



 **How Far I'll Go - Comple**  
4LeafClovR

# Documentation

## Spinning

by ceebee

12 scripts  
4 sprites

 See inside



v459.1



### Instructions

Something I've always struggled with is drawing faces. I really dislike doing it and I have even been known to walk away from a drawing for a few hours out of frustration lol In particular I find it extremely difficult to draw faces from different perspectives. And because of this I very, very rarely draw faces from any perspective but straight forward lol (Take a look back at some of my old projects, you'll see what I mean :P)

### Notes and Credits

Use the Right/Left arrow keys to speed up/down the spinning

-----

Music: "It don't mean a thing" by ProletaR

Artwork: Made in Illustrator

\*boop\*

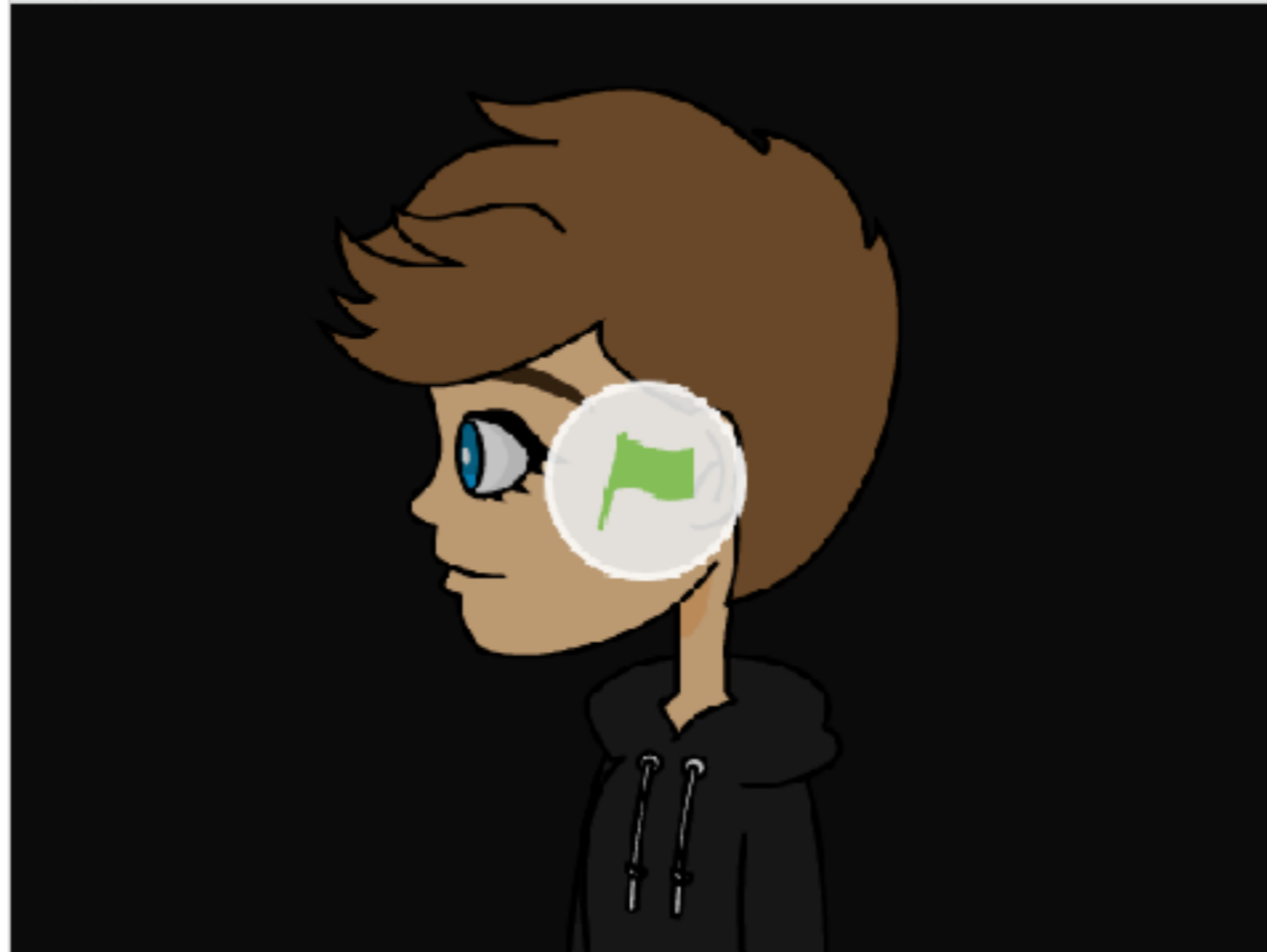
spinning

animations

art

© Shared: 2 Jan 2018

Modified: 2 Jan 2018



# “Agency”



# LEARN MORE ON YOUR OWN:



[scratch.mit.edu](https://scratch.mit.edu)



[code.org](https://code.org)

Or...

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Becky Reid  
[TrainerBecky@mac.com](mailto:TrainerBecky@mac.com)