Baking from scratch

Lil Miss Coder December Activity
Student Leader: Tanvi Naik

Agenda

- Welcome
- Call for Last Month's Challenge
- Introduce Project
- Walk through Project
- Introduce Challenge
- Demo Last Month's Challenge

Get REAdy

Please go to lilmisscoder.com for Scratch activity, located under the "Event" page!
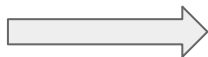
December 5th -- Baking from Scratch

EVENT DETAILS:
Virtual Event: 1-1:40 pm (CT)

EVENT CONTENTS:
We will be using code to create a baking game!

Please make a Scratch account prior to the event. You can find the link below.
Please use full names of the girls, along with grades in the Zoom call.

SCRATCH LINK:
https://scratch.mit.edu/   Password: VBd2DR

ZOOM LINK:
HTTPS://US02WEB.ZOOM.US/J/75493325662?PWD=TWFPEHRPNJL1BVZJZ21SWMTRV3F0UT09
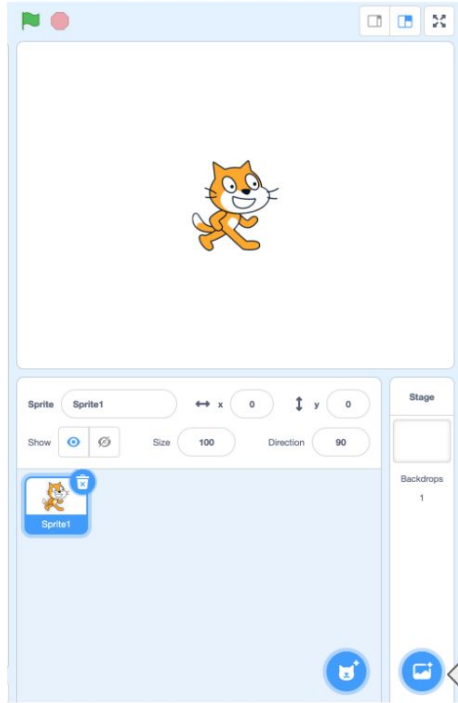
Introduce Activity

- Last month we played with rocketship, but this month, we're baking from scratch. In both projects, we're using the program Scratch!
  - Today, we will be using sequences to help us create a game to bake.

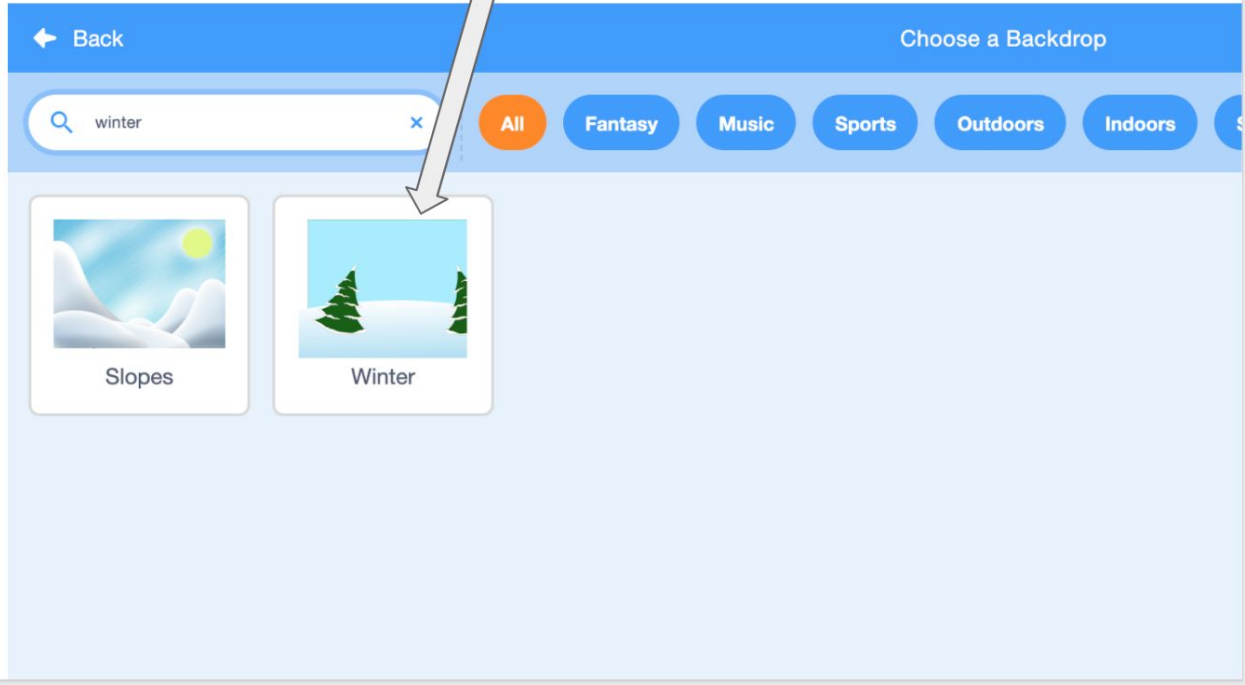- Please open attached instructions to follow along

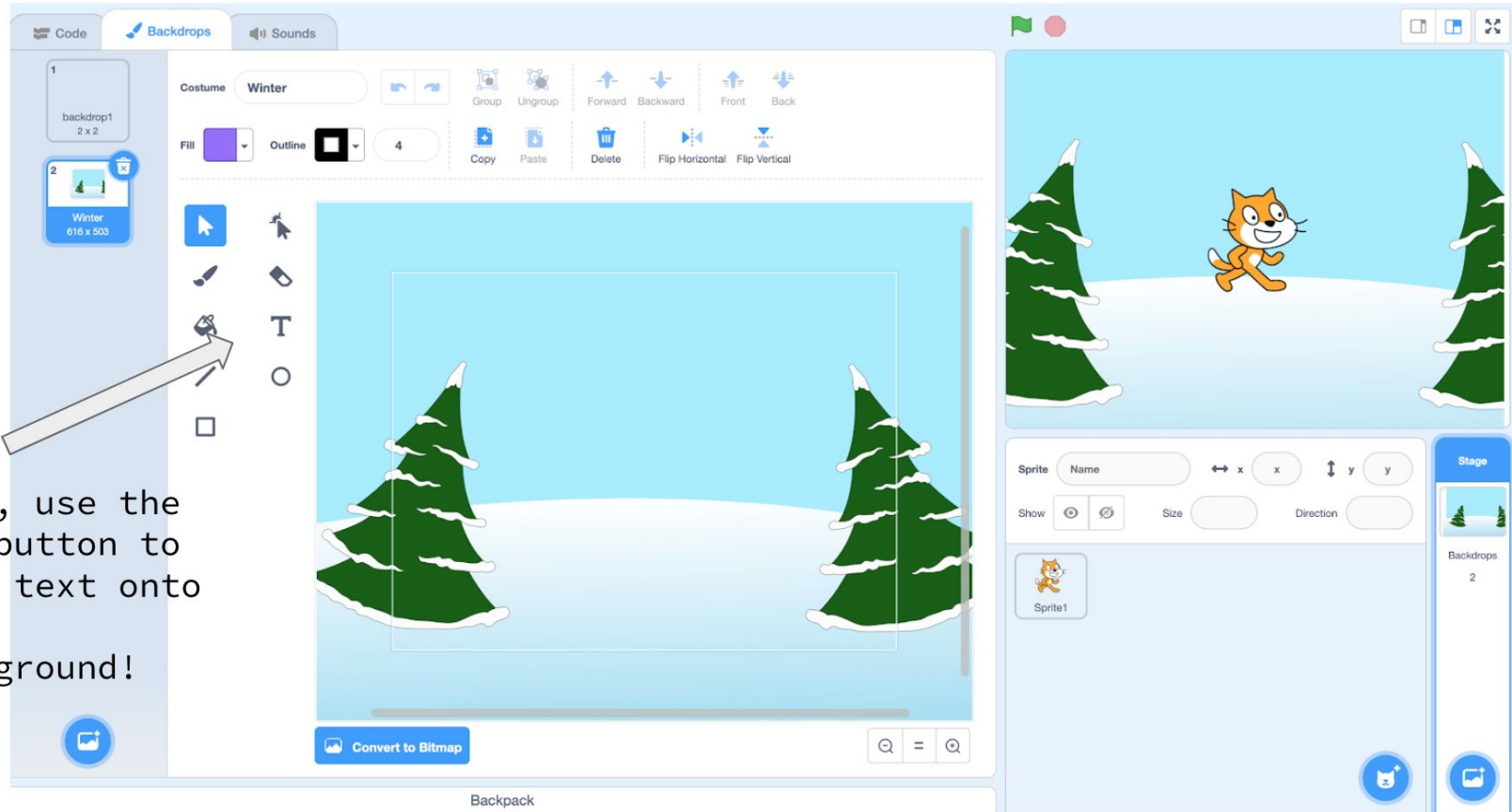# Activity

- Let's go to Scratch and open a new project!

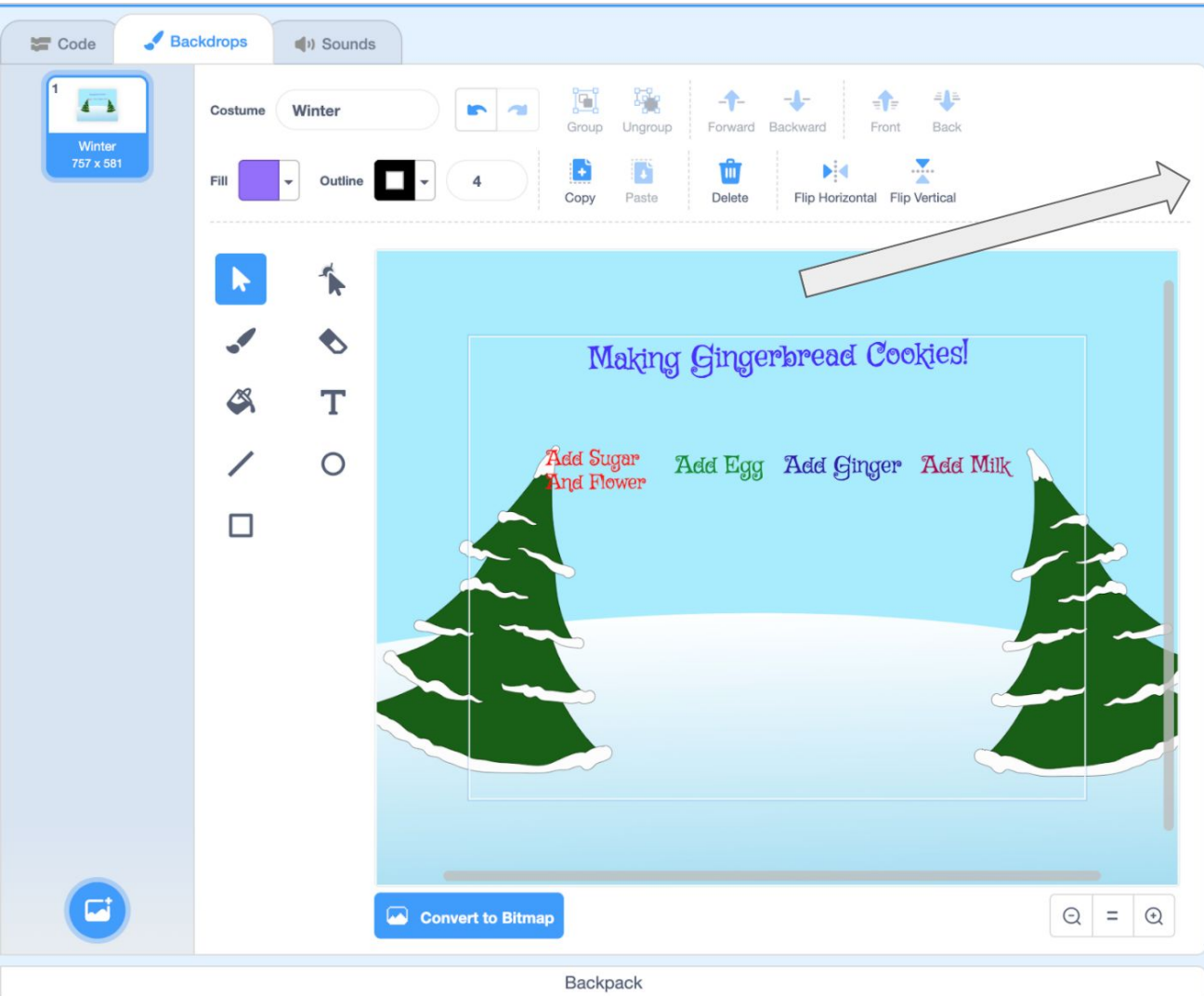# Step 1: Setting up the background

Click "search" and type in "winter"

Click the
"Backdrops" tab

Then, use the
"T" button to
type text onto
our
background!

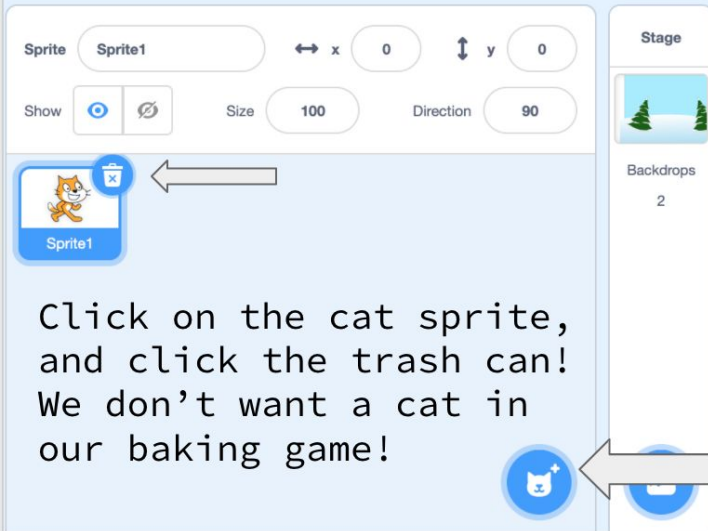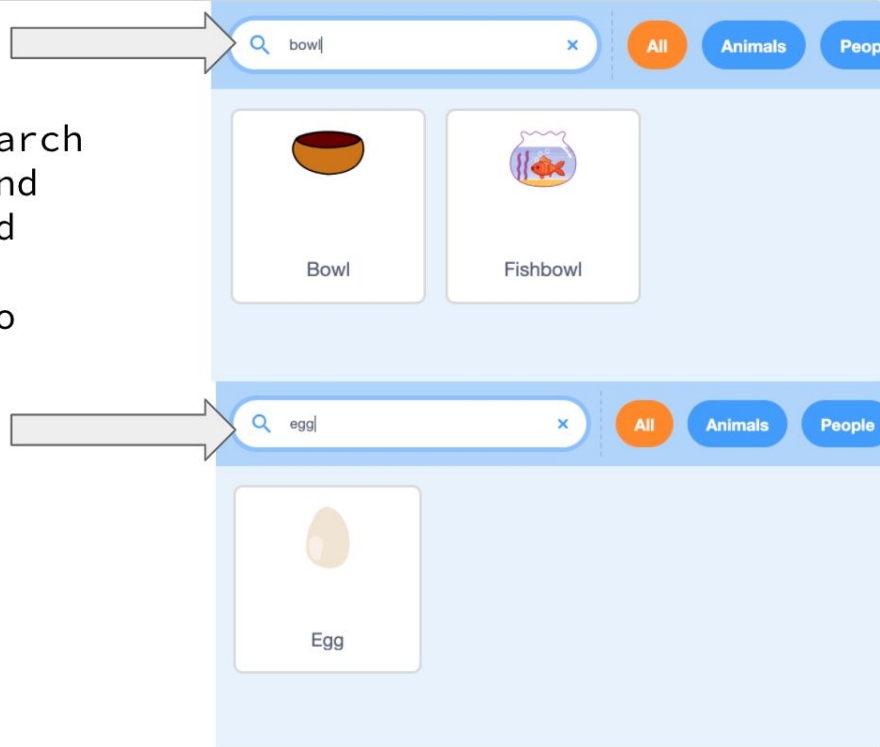Type out our text and position it.

Use fun text fonts and colors!

Step 2: Time to add Sprites

Last month, we used a rocketship for one of our sprites!

This month, our different ingredients, bowls, and more will be our sprites!

Let's search "bowl" and "egg" and add our first two sprites!

bowl

Bowl

Fishbowl

egg

Egg
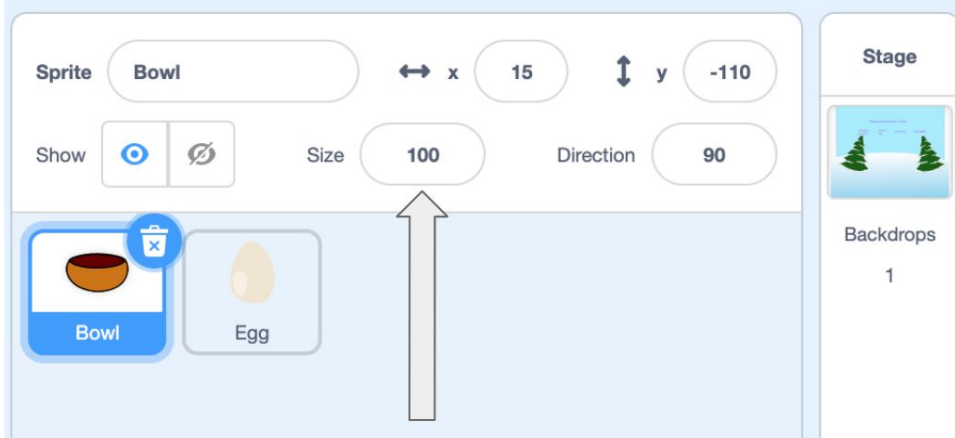
Click on the cat sprite, and click the trash can! We don't want a cat in our baking game!

Then, click this button to add new sprites!

Sprite   Sprite1   ↔ x   0   ↕ y   0

Show   👁   ⌀   Size   100   Direction   90

Sprite1

Stage

Backdrops
2

All   Animals   Peop

All   Animals   People

Making Gingerbread Cookies

Add Sugar and Flour · Add an Egg · Add Ginger · Pour Milk

Sprite	Bowl		x	98		y	-15

Show · Size 100 · Direction 90

Bowl · Egg

Stage

Backdrops
1

Sprite	Bowl		x	15		y	-110

Show · Size 100 · Direction 90

Bowl · Egg

Stage

Backdrops
1

This number make our sprite bigger or smaller! Make it bigger! Try 150?

(Make sure the "bowl" sprite is clicked!)

This lets us change the bowl's "address"! The x number will move it left and right, while the y number will move it up and down!
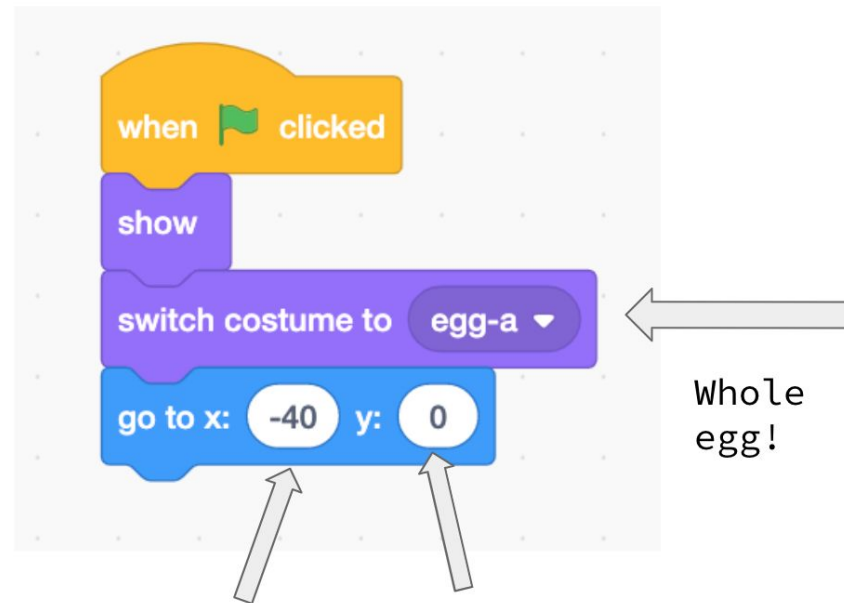
Let's change the address to x = 15, and y = -110

Time to Code our first Ingredient- The Egg!

when this sprite clicked
glide 1 secs to x: 0 y: -95
switch costume to egg-b
wait 1 seconds
hide

This will make the egg look cracked!

when 🚩 clicked
show
switch costume to egg-a
go to x: -40 y: 0

Whole egg!

This number will be different for everyone, since it goes underneath the "Add Egg" label.

Challenge

YOUR Challenge!

Until next month, use the second attached instructions to help you finish the base of our game, then play around and try to make it as realistic as possible.

What does it mean?

You can add sounds to the ingredients, add more ingredients, use cool pictures on the internet as our sprites, create a fun ending, and so much more!

Have fun with it and explore!

Demo Last Month

Challengers, please present your activity from last month.

Next Month

- Baby it's Code Outside, January 9, 2021 at 1pm
- Please submit your challenge on www.lilmisscoder.com

Thank you so much for joining us today!
Happy Holidays