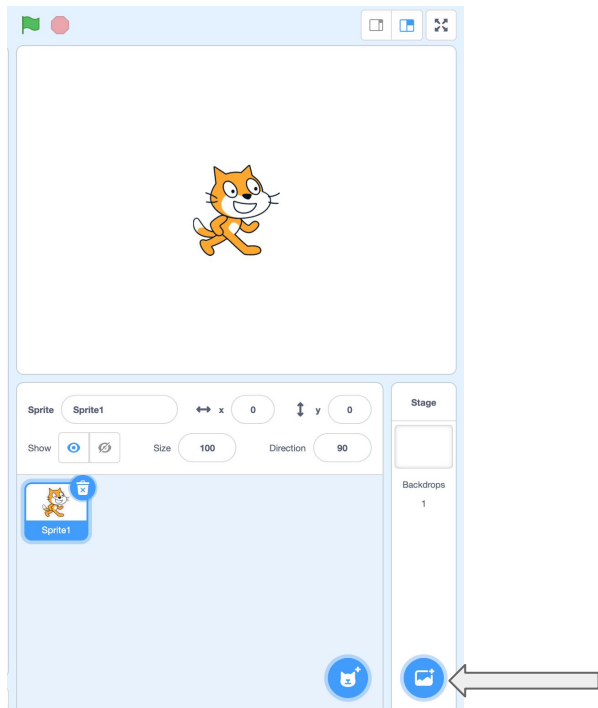


BAKING FROM SCRATCH

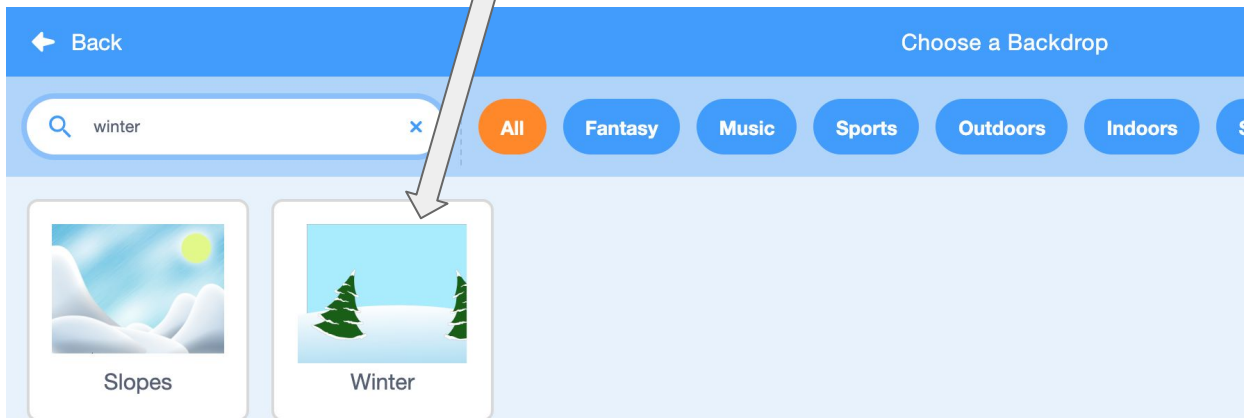


Lil Miss Coder December Activity
Student Leader: Tanvi Naik

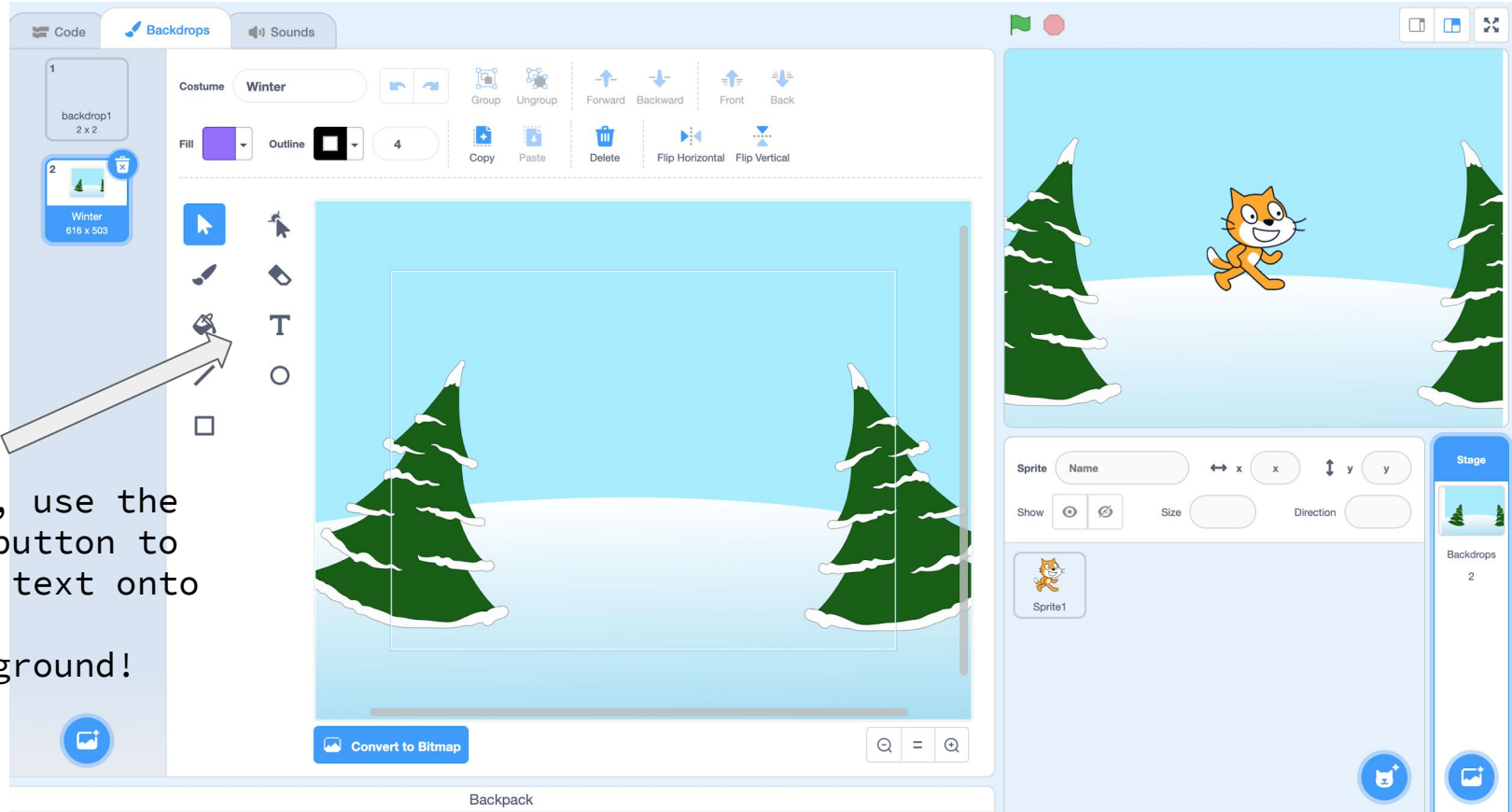
STEP 1: SETTING UP THE BACKGROUND



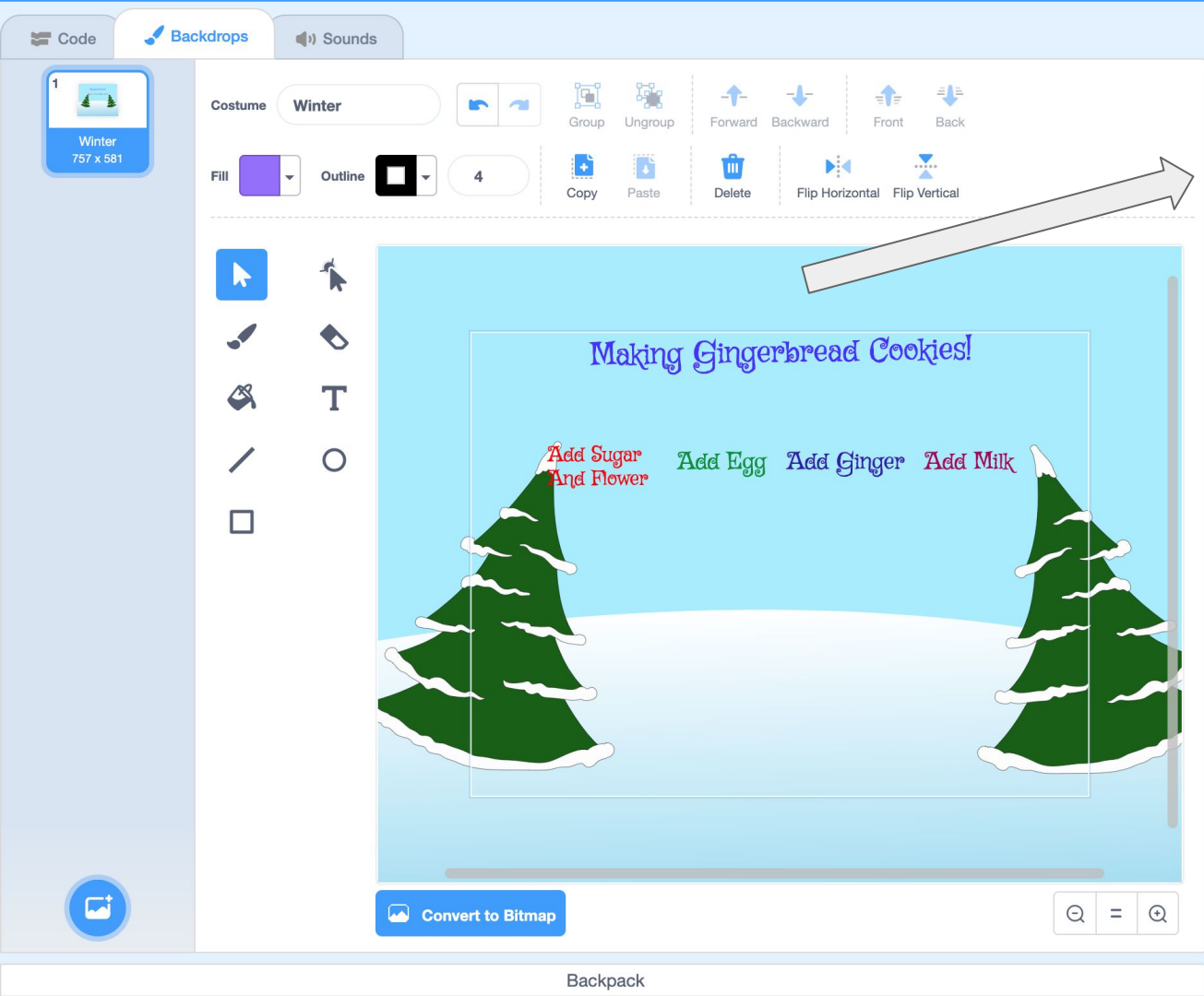
Click “search” and
type in “winter”



Click the
“Backdrops” tab



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



Type out our text and position it.

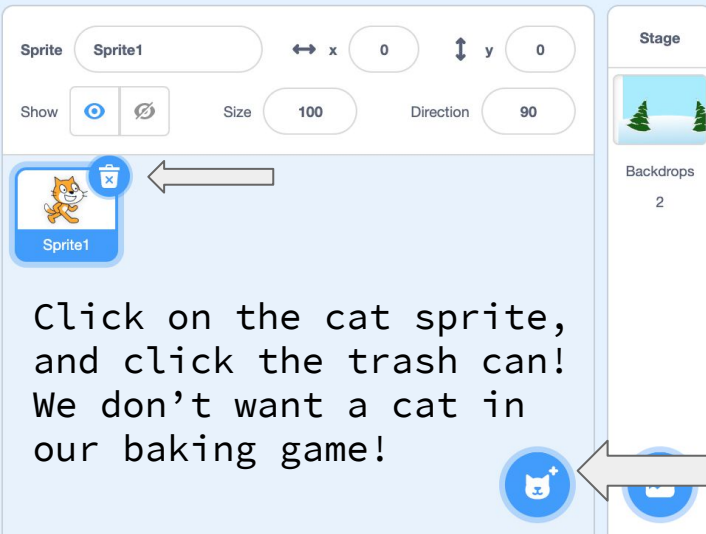
Use fun text fonts and colors!



STEP 2: TIME TO ADD SPRITES

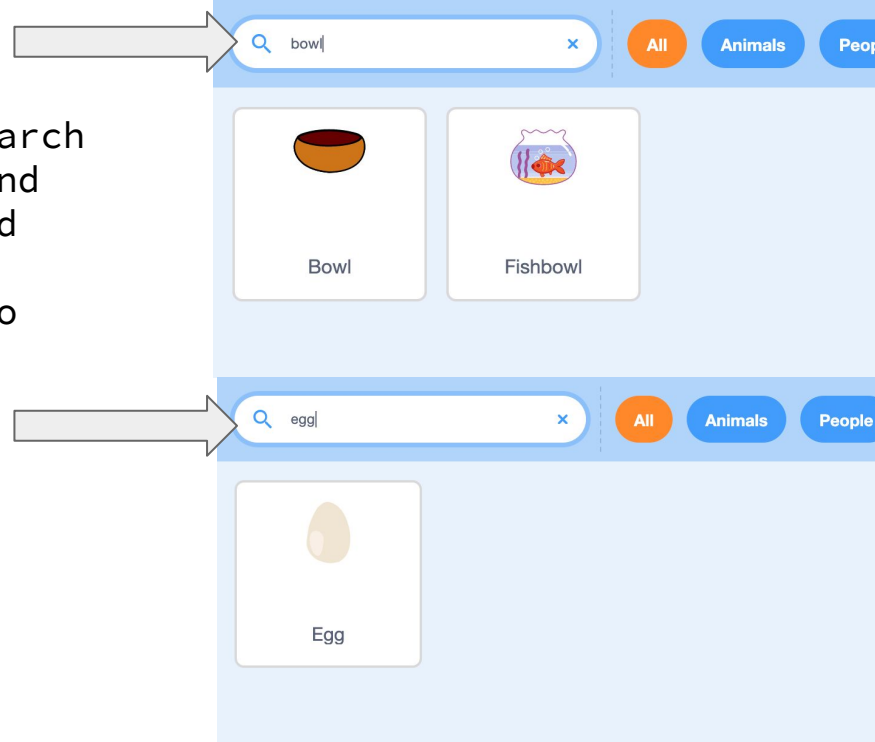
Last month, we used a rocketship for one of our sprites!

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



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

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

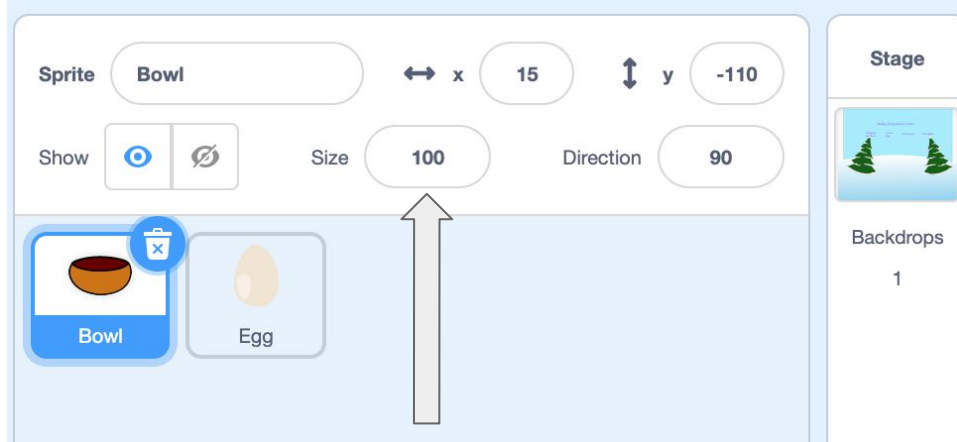


Then, click this button
to add new sprites!



(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!



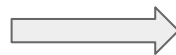
This number make
our sprite bigger
or smaller! Make
it bigger! Try
150?

Let's change the
address to
 $x = 15$, and
 $y = -110$

NOW TIME FOR THE CODE

Scratch groups similar code, let's go through and see how we can use these in our game!

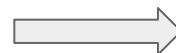
Moves sprites



Changes the look of
sprite or background



Adds sound! (ex. Milk
pouring)



Helps sense certain events, or
action, and then triggers code



We will use this for
make our sprites "wait"



For the challenge,
try to explore
these!



Motion



Looks



Sound



Events



Control



Sensing



Operators

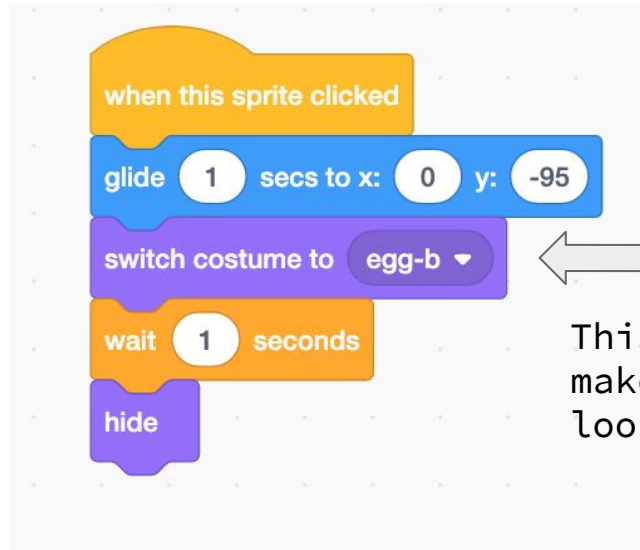


Variables

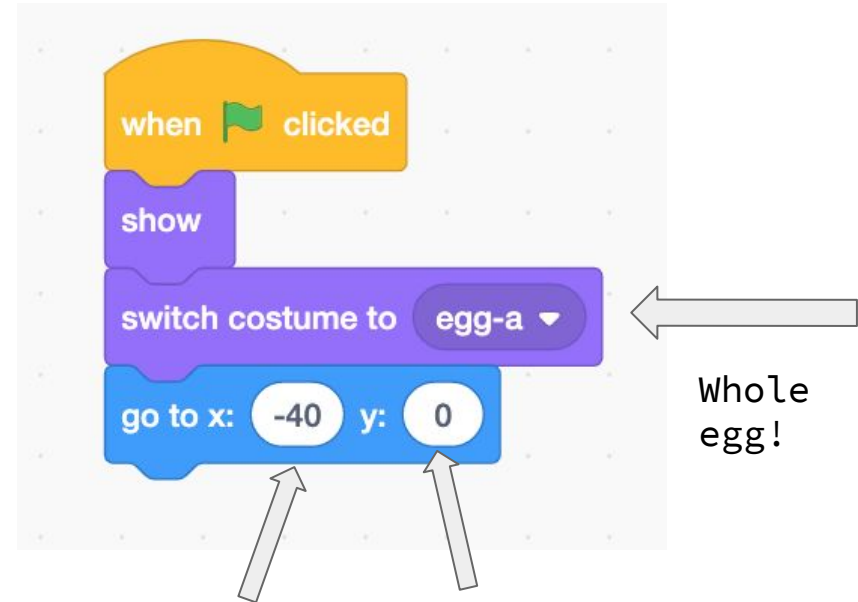


My Blocks

TIME TO CODE OUR FIRST INGREDIENT- THE EGG!



This will
make the egg
look cracked!



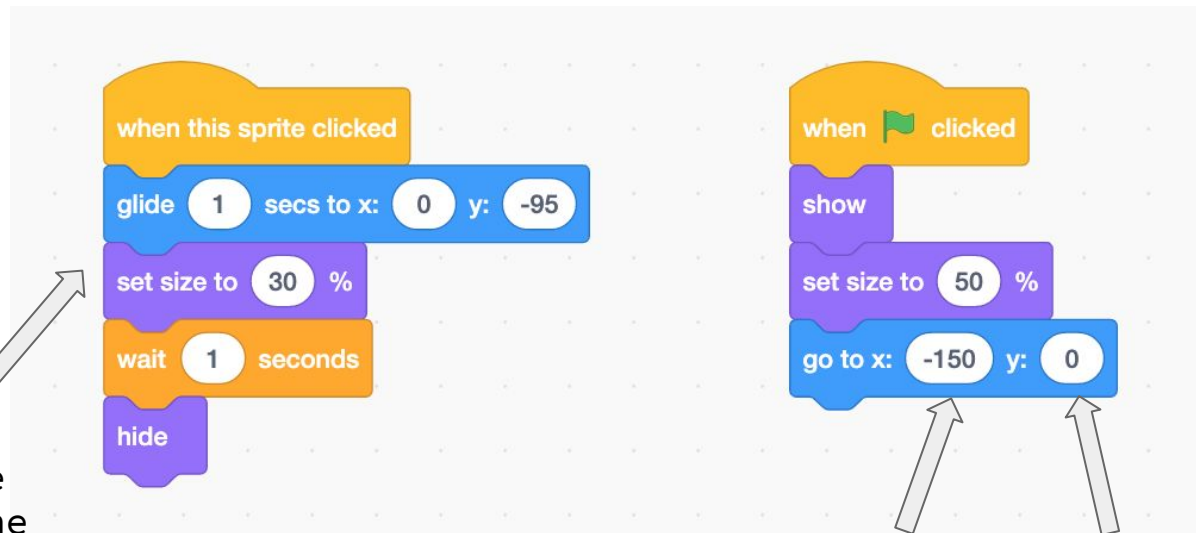
Whole
egg!

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

FLOUR

Insert sprite “flour” the same way we added the bowl or egg!

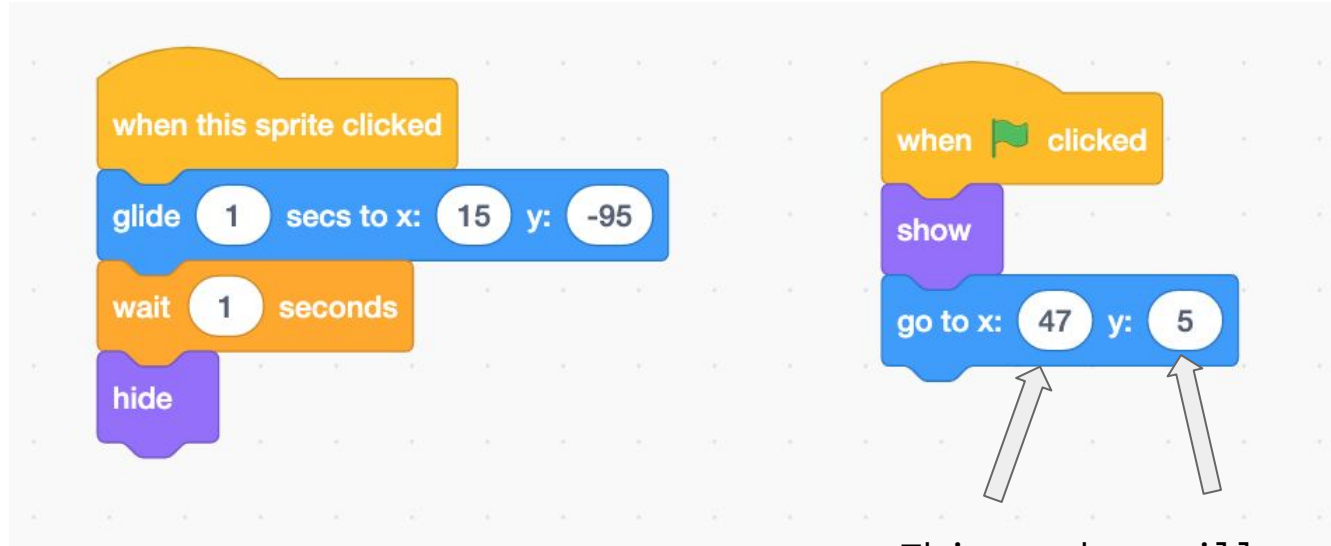
This will change the size of the sprite.



This number will be different for everyone, since it goes underneath the “Add Sugar and Flour” label.

GINGER

Insert sprite “orange” the same way we added the bowl or egg!

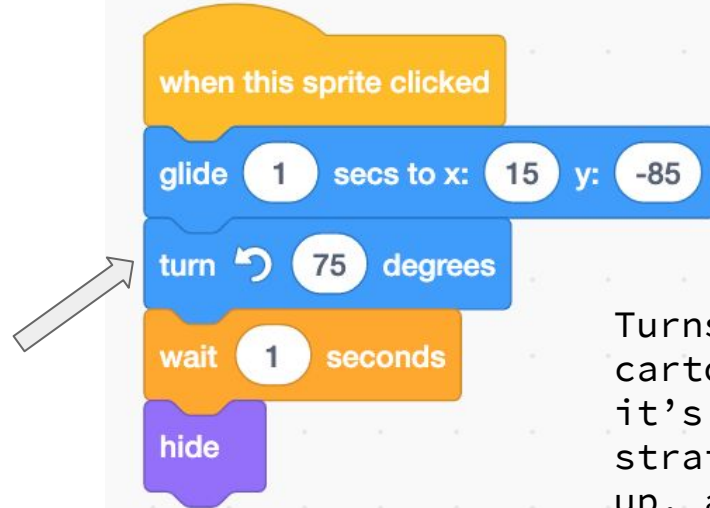


This number will be different for everyone.

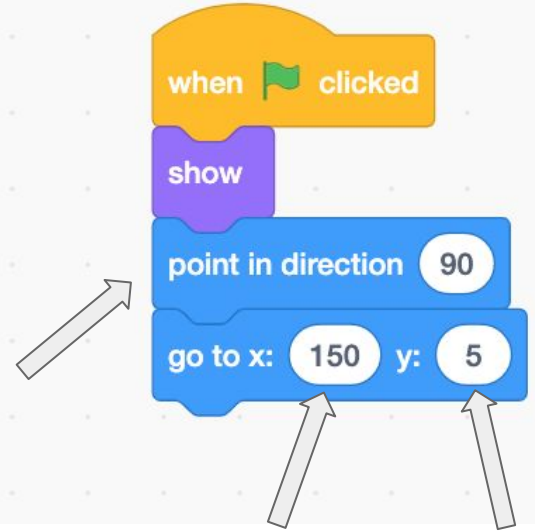
MILK

Insert sprite “milk” the same way as before!

Turns the carton of milk to “pour” it



Turns to carton so it's straight up, again



This number will be different for everyone.

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!