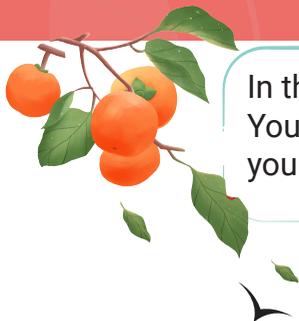
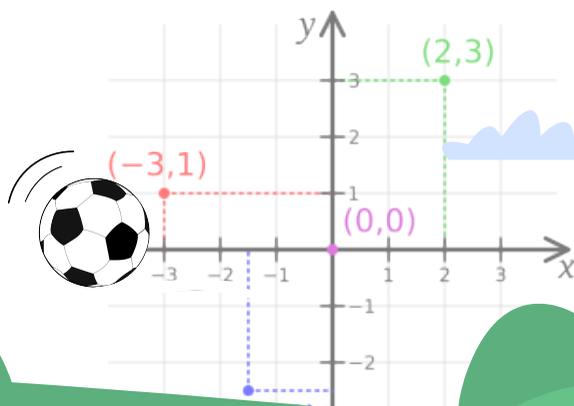
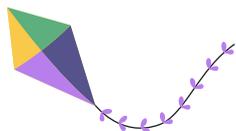
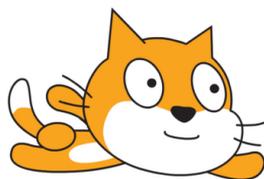


Lesson 5:

Make characters move



In this lesson, we'll learn to make characters move. You'll be able to do much more than just making your characters dance and talk.



Let's modify some sprites!

Before we get started with today's lesson, we'll modify some sprites.

I want to sit

My shoes are too small

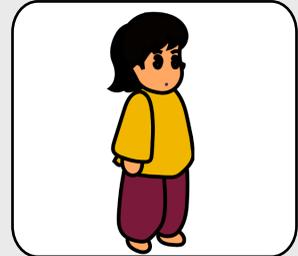
I am feeling happy. Can you make my face look happy? 😊



Elf



Ben



Matina



Getting ready for lesson

Sign in to your Scratch Account

- 1 Sign into your Scratch account.

Join Scratch

Sign in

- 2 Set to high contrast mode



Original

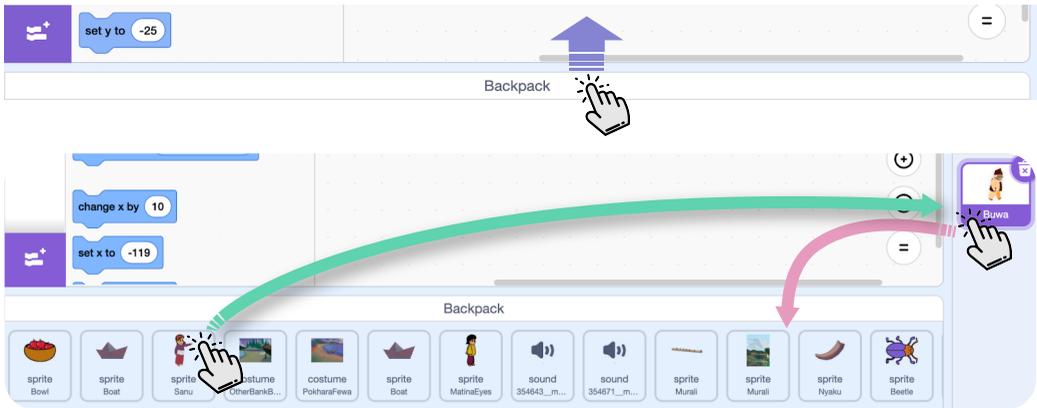


High Contrast

Explore the backpack

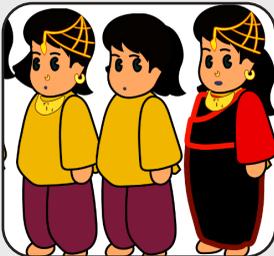


You can take sprites, backdrops, sound and code from other Scratch projects. Use the backpack for this.



Note: You can use backpack only if you are signed in!

In this lesson we'll use some Nepali sprites and backdrops. Get some into your backpack from this collection.



Manita



Sanu

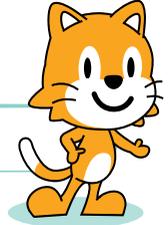


Ladhiya



Let's explore some examples

Play with these projects and see how they work



Move the ball



Dino eats banana



Modify the above project. Don't worry, you won't damage it by playing around.



Reload the page to turn the project back to its original state.



Let's animate some characters

Use any of the prompts below to create a simple animation.

- 1 Something that happens underwater
- 2 People are playing a sport
- 3 Animationn of outer space



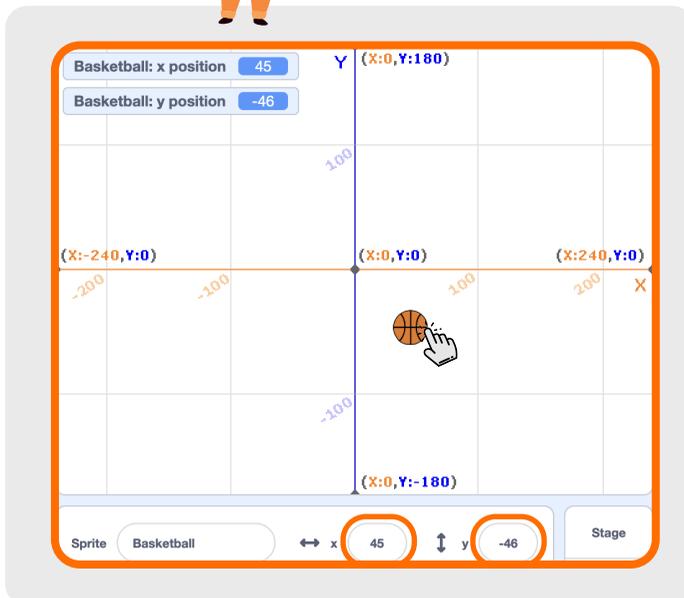
You can also work on a different idea!

Tips

Do you find the x and y numbers confusing? This project will help you understand it.



Press the arrow keys to move the ball



Try these blocks in your projects

Glide to a thing

glide secs to

random position
mouse-pointer
✓ Sprite name

Glide to a position

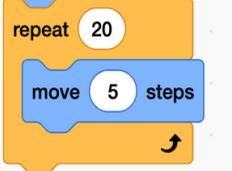
glide secs to x: y:

Turn to a direction

point in direction

point in direction

repeat
move steps

Control how a sprite rotates

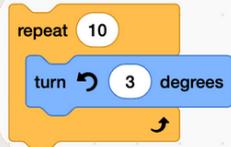
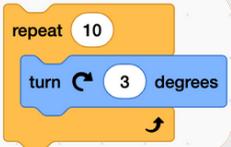
set rotation style

✓ left-right
don't rotate
all around

Rotate a sprite

repeat
turn degrees

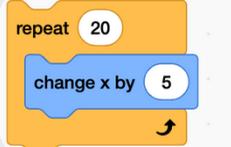
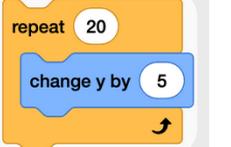
repeat
turn degrees

Move left-right or up-down

repeat
change x by

repeat
change y by

More things to explore

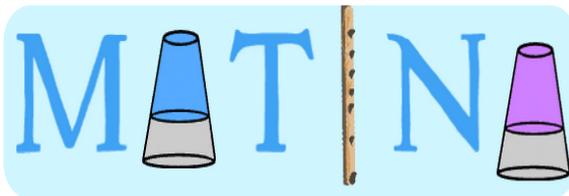
Let's animate some names!



Check this tutorial for hints



Animate Name



Let's reflect

- 1 What sprites did you use in your project? Why did you choose them?
- 2 What concept was challenging for you to grasp? Why was it so?