Imagine a World

Imagine a world where anything is possible!
Imagine a World

Cards

Try these cards in any order:

• Say Something
• Fly Around
• Go Right and Left
• Go Up and Down
• Change Costumes
• Glide from Here to There
• Grow and Shrink
• Change Backdrops
• Add a Sound
Say Something

Type what you want your sprite to say.

Imagine if...
Say Something

GET READY

Select the sprite you want to talk.

ADD THIS CODE

when clicked
say Hello! for 2 seconds
say Imagine if... for 2 seconds

Type what you want to say.

TRY IT

Click the green flag to start.
Fly Around

Press the space key to glide.
Fly Around

GET READY

Choose a sprite.  Butterfly 2

Choose a backdrop.  Savanna

ADD THIS CODE

```
when space key pressed
start sound pop

[glide 1 secs to random position]
```

TRY IT

Press the space key to glide.
Go Right and Left

Press arrow keys to move right and left.
Go Right and Left

GET READY

Choose a sprite. Ben
Choose a backdrop. Playing Field

ADD THIS CODE

Change x to move your character side to side.

when right arrow key pressed
change x by 10

when left arrow key pressed
change x by -10

Type a minus sign to move left.

TRY IT

Press the right and left arrow keys on your keyboard.
Go Up and Down

Press arrow keys to move up and down.
Go Up and Down

GET READY

Choose a sprite.  
Hedgehog

Choose a backdrop.  
Woods and Bench

ADD THIS CODE

Change $y$ to move your character *up and down*.

```
when [up arrow] key pressed
change y by 10
```

```
when [down arrow] key pressed
change y by -10
```

Type a minus sign to move *down*.

TRY IT

Press the up and down arrow keys on your keyboard.
Change Costumes

Animate a sprite when you click it.
Change Costumes

GET READY

Choose a sprite.
Rooster

Choose a backdrop.
Blue Sky

ADD THIS CODE

when this sprite clicked

switch costume to rooster-b

wait 0.3 seconds

switch costume to rooster-a

wait 0.3 seconds

Choose one costume.

Choose another.

TRY IT

Click your sprite.
Glide From Here to There

Make a sprite glide from one point to another.
Glide From Here to There

GET READY

Choose a sprite.
Earth
Choose a backdrop.
Stars

ADD THIS CODE

When clicked

- go to x: 0 y: 0
- glide 1 secs to x: -180 y: -100

TRY IT

Click the green flag to start.

TIP

When you move a sprite, you can see the numbers for x and y update.

x is the position from left to right.
y is the position up and down.
Grow and Shrink

Make a sprite change size when you click it.
Grow and Shrink

click.scratch.mit.edu

GET READY

Choose a backdrop. Theater 2

Choose a sprite. Drums Tabla

ADD THIS CODE

when this sprite clicked

repeat 2

set size to 125 %

play sound Hi Na Tabla until done

set size to 100 %

Type a larger number to make it bigger.

Type 100 to return to original size.

TRY IT

Click your sprite.
Change Backdrops

Change scenes by switching backdrops.

Imagine a World
Create a Story

Try It

Get Ready

Choose two backdrops.
- Savanna
- Metro

Choose a sprite.
- Avery

Add This Code

Choose the backdrop you want to start with.
- Savanna

Choose the second backdrop.
- Metro

Type what you want to say.
- Let's explore!

Try It

Click the green flag to start.
Add a Sound

Add your voice or other sounds to your project.

Imagine a World
Get Ready

Choose a sprite.

Champ99

Click the Sounds tab.
Then click Record from the pop-up menu.
Or, click here to choose a sound from the library.
To record your voice or other sound, click the red button.
If your device is unable to record, you can choose a sound instead.

Add This Code

Click the Code tab.
Select your sound.
Type what you want to say.

Try It

Click the green flag to start.