Scenes

1 **Go to the Scratch at https://scratch.mit.edu/**

http://scratch.mit.edu

https://scratch.mit.edu

2 **Sign into your account.**

Join Scratch Sign in
Username
Password
Sign in Need help?
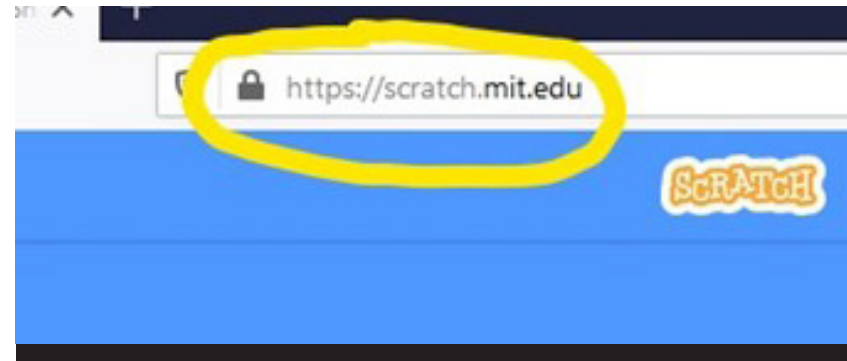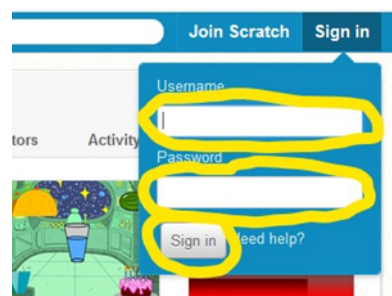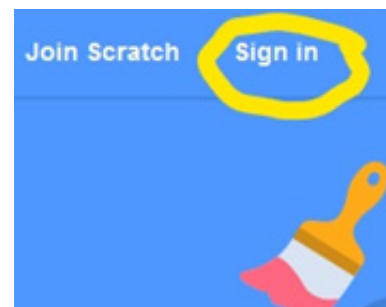
3 **Click "create" button to start new project.**

SCRATCH Create Explore Ideas

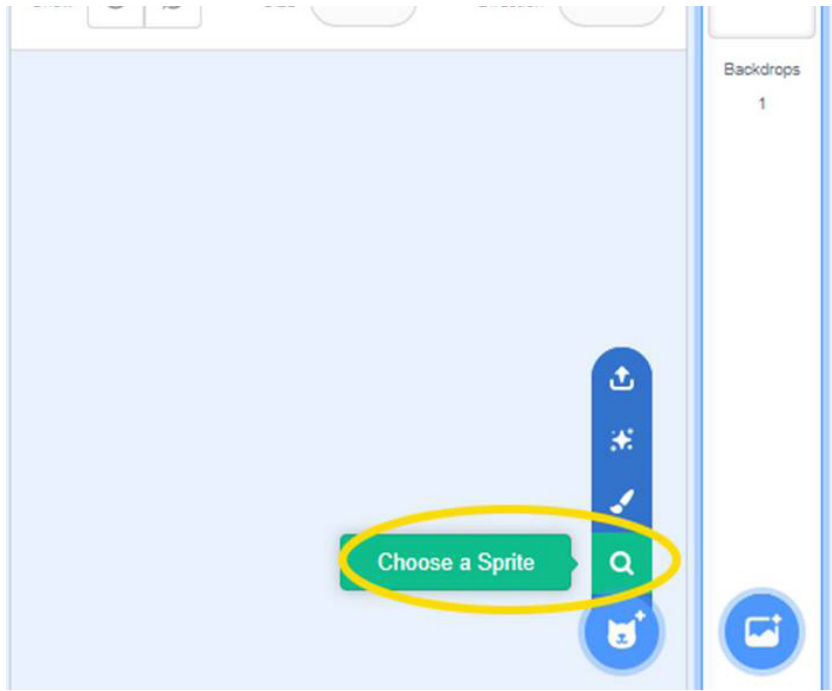Welcome to Scratch!
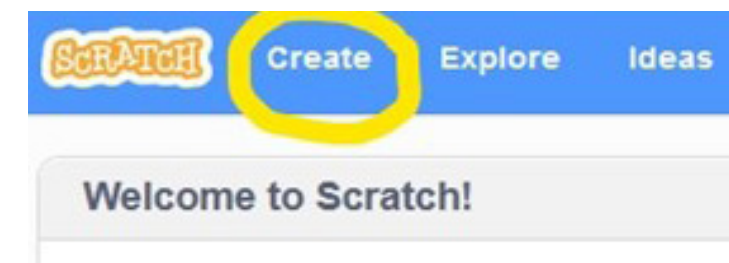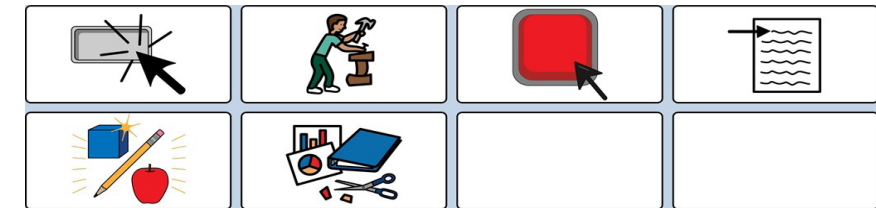
4 **Tap on "trash" icon on the top left corner of the "Cat" sprite/ character to delete this sprite.**

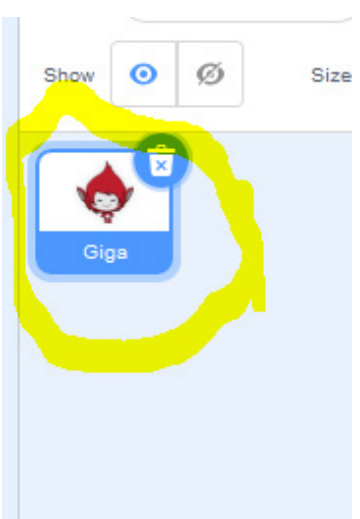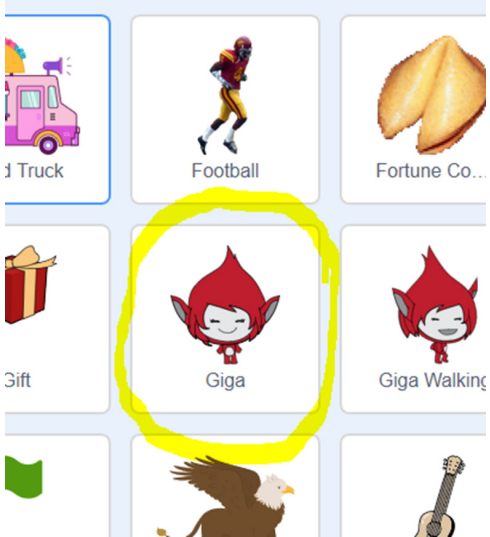Sprite Sprite1 ↔ x 0
Show ⊙ ∅ Size 100 Direc
Sprite1
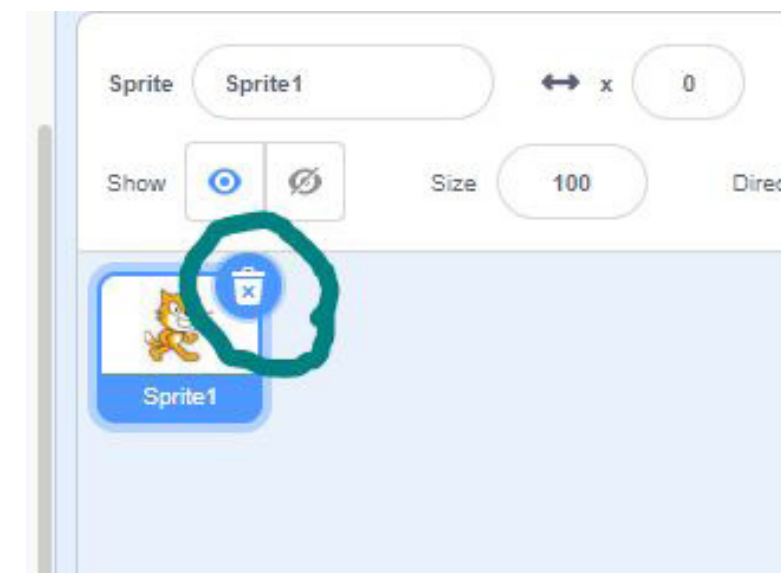
5 Move your mouse over the "Choose A Sprite" button on the bottom right corner of the Sprite window, and move your mouse up to tap on the "Search" icon to look for a new sprite (character).
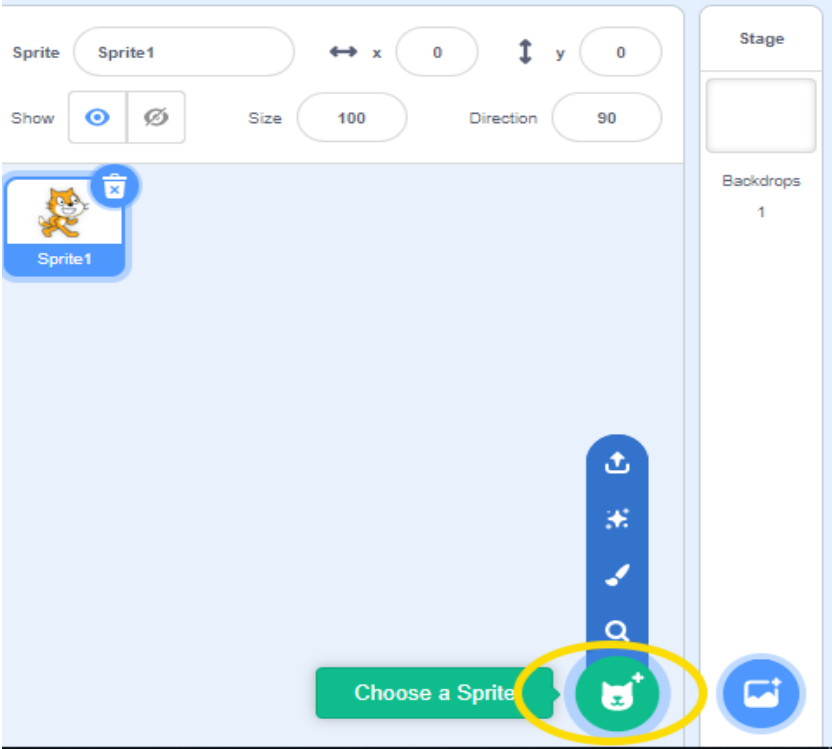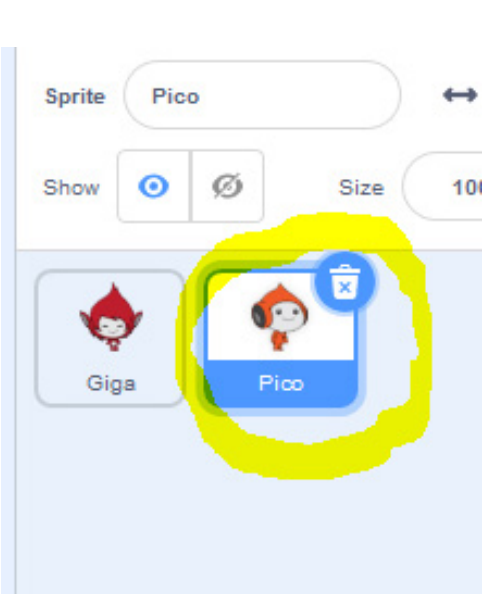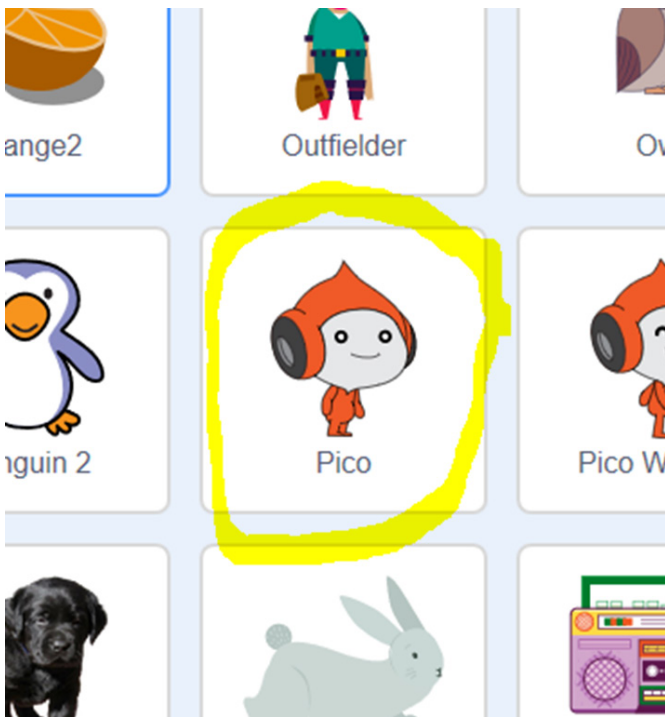

6 Choose one from the list of characters that come up.

7 Move your mouse over the "Choose A Sprite" button once more and tap on the "Search" icon to look for another character (sprite).
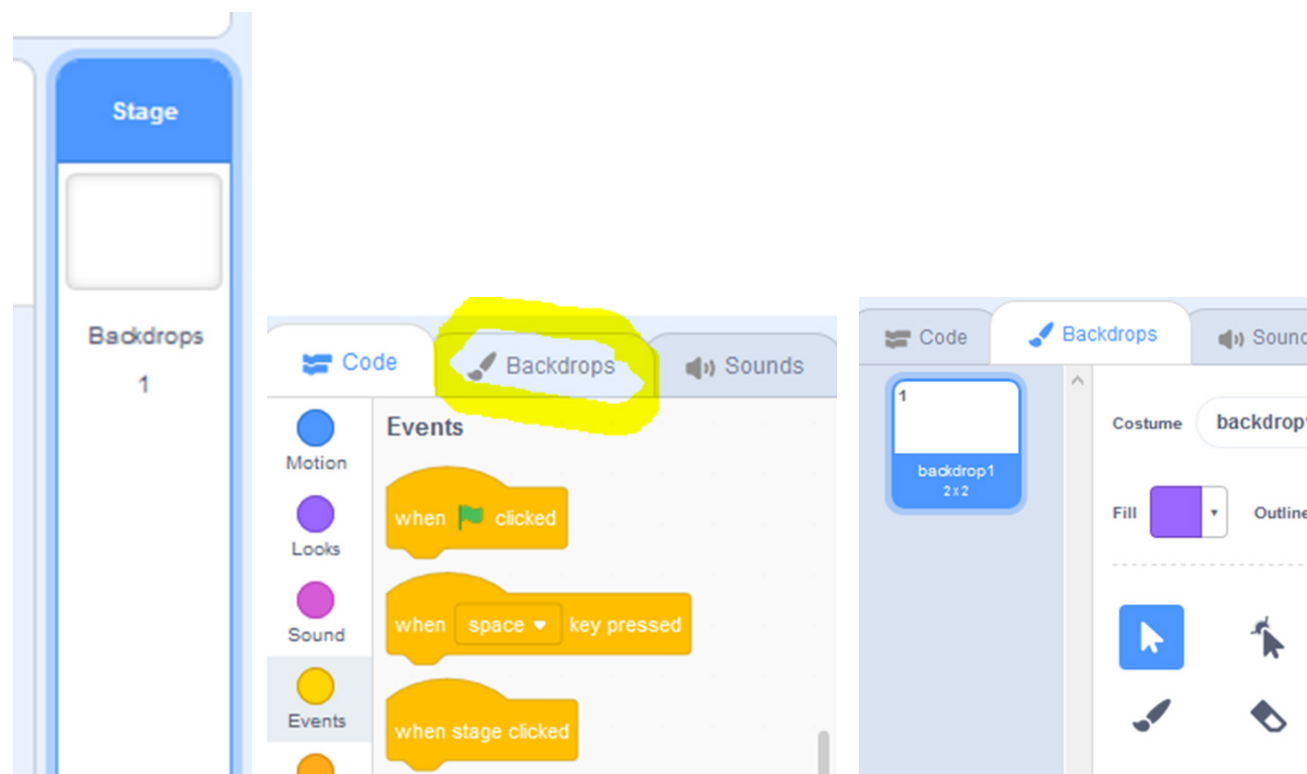
8 Select one of the characters to attach a set of codes to (sequences).
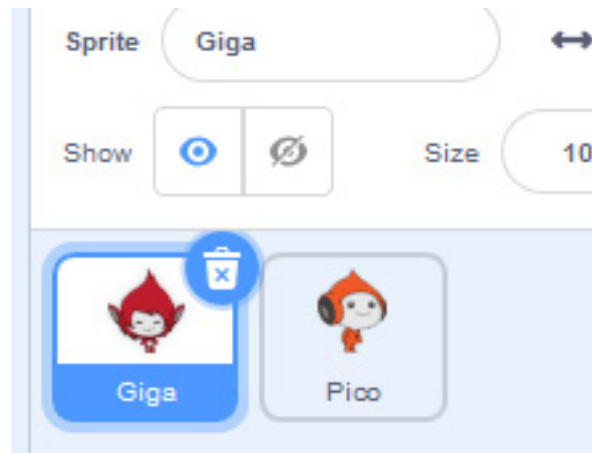
9 Tap on the stage panel to select and activate. Note that "Costumes" tab on top left corner is replaced by "Backdrops" tab.

10 Go to the bottom of the "Stage" panel, and choose the search icon to select a backdrop from the library.
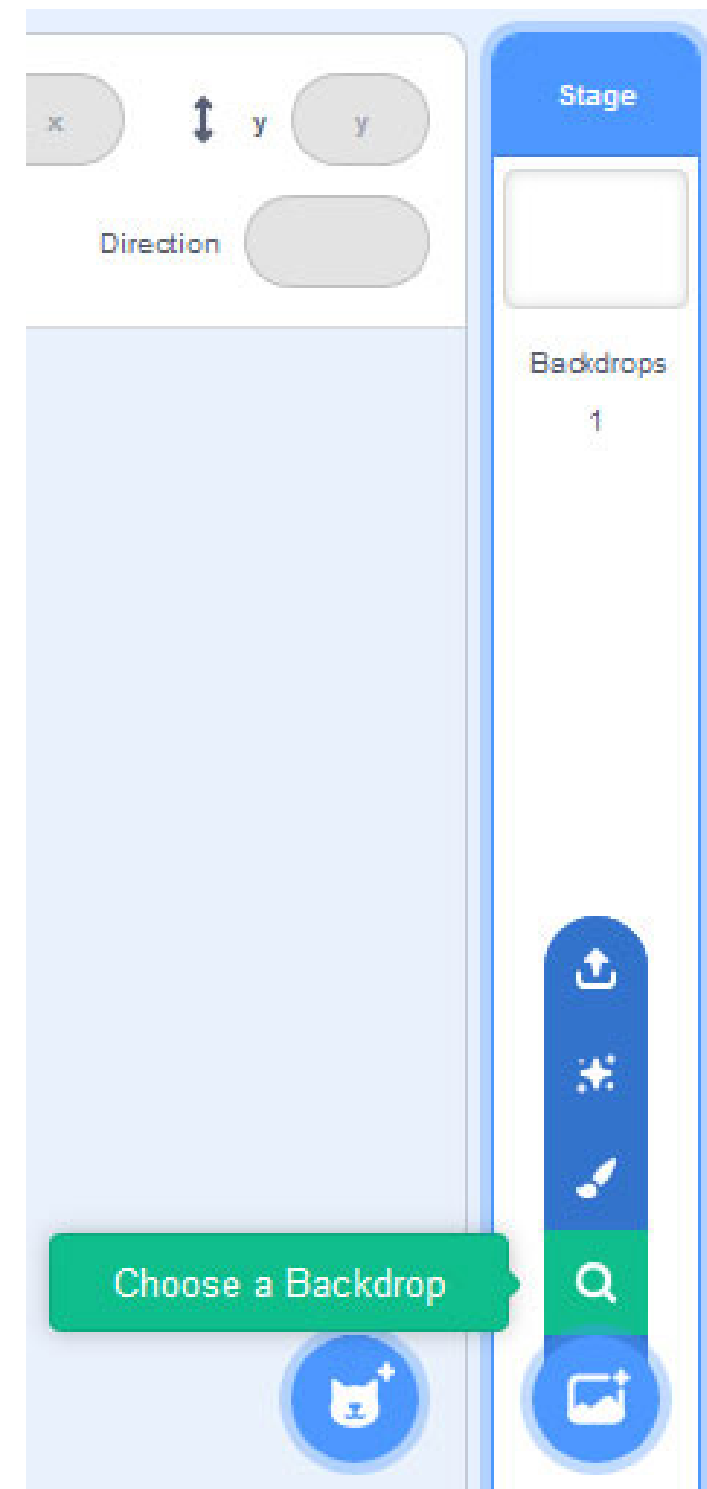
11 Search and choose a backdrop from the library. After selecting a background, delete the default backdrop

12 Go to the bottom of the "Stage" panel, and choose the search icon to select another backdrop from the library.

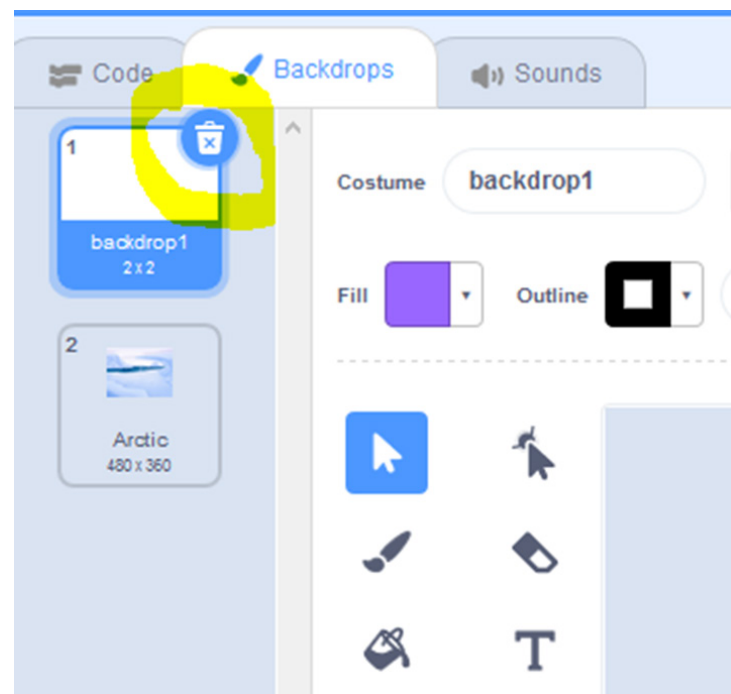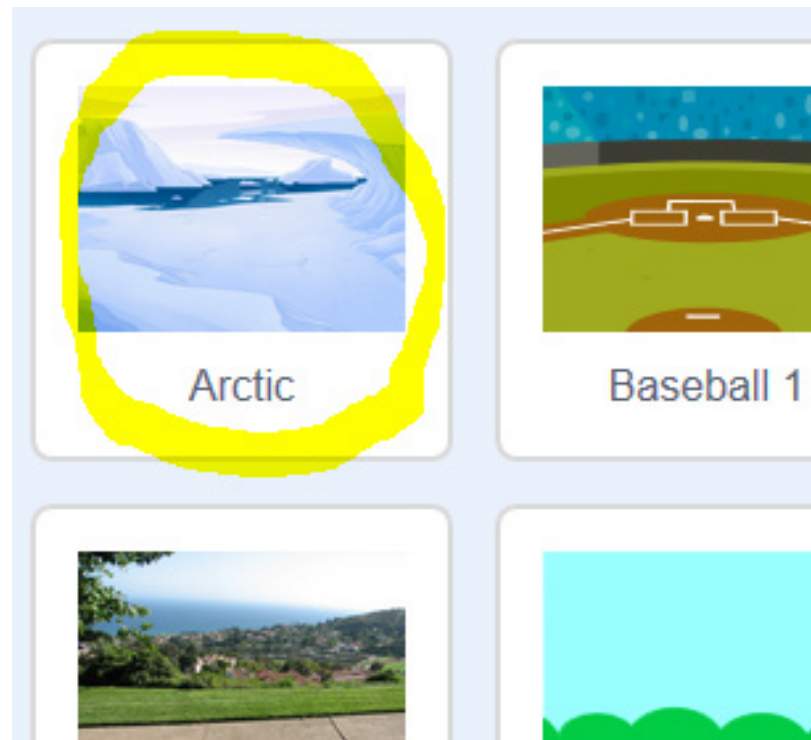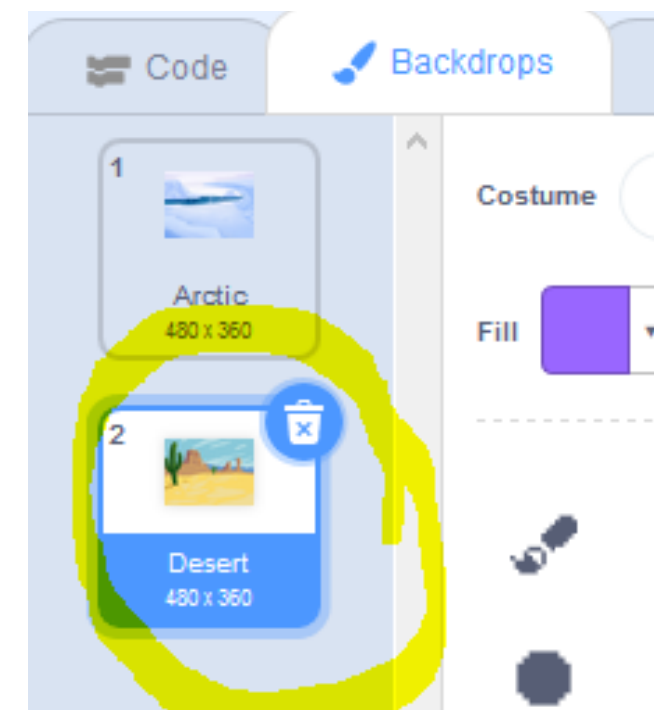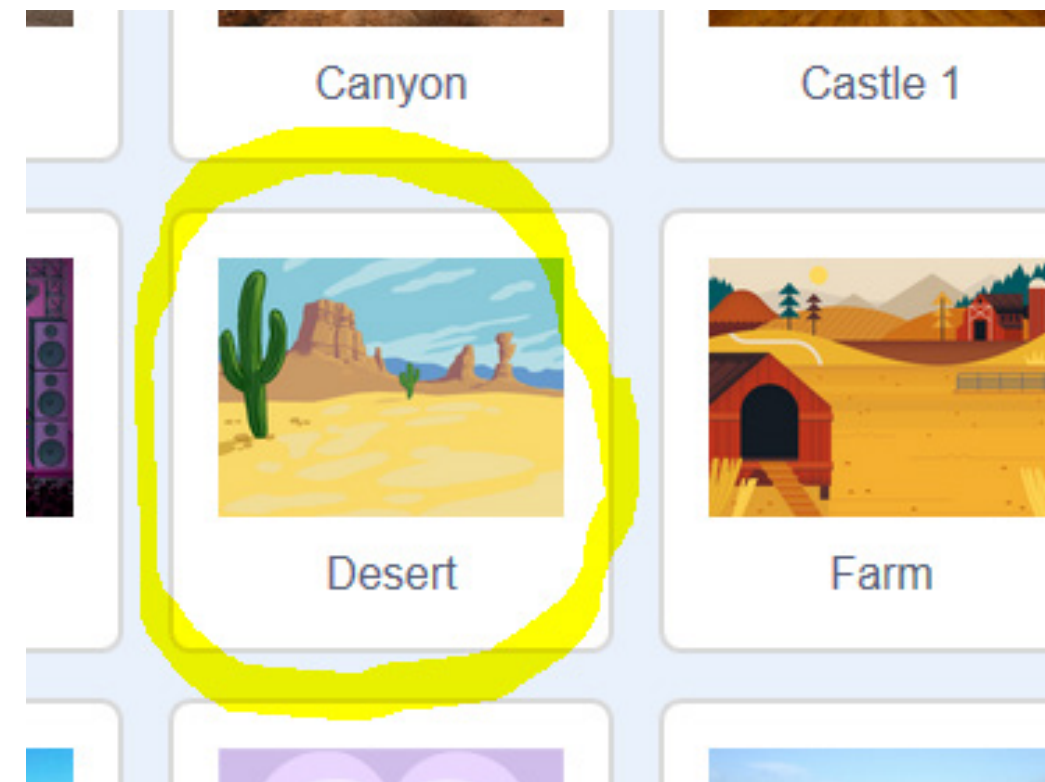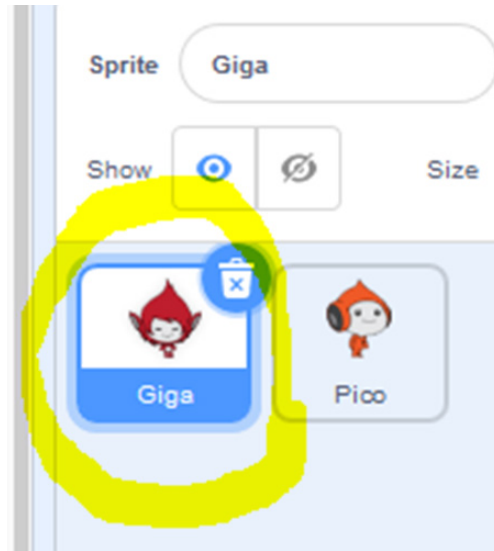**13** Add the following Scratch block sequence to Giga as part of a conversation between Giga character and Pico character while changing backdrop based on broadcast events attached to Pico character.

Sprite: Giga

Show: 👁 / Ø   Size:

[Giga | Pico]

```
when 🚩 clicked
switch backdrop to Arctic
say Hello! for 2 seconds
broadcast GigaSaysHello

when I receive PicoSaysHello
say I am cold!!! Can you move us to a warmer place! for 2 seconds
broadcast GigaSaysMoveUs and wait

when I receive PicoSaysDoYouLikeDesert
say Now, I am too hot!! I rather prefer the cold place, please for 4 seconds
broadcast GigaSaysMoveBackToCold and wait
```

14 Add the following Scratch block sequence to Pico for the conversation between Giga and to initiate the broadcast events to change the backdrop.

Sprite: Pico

Show: 👁 / Ø   Size:

[Giga | Pico]
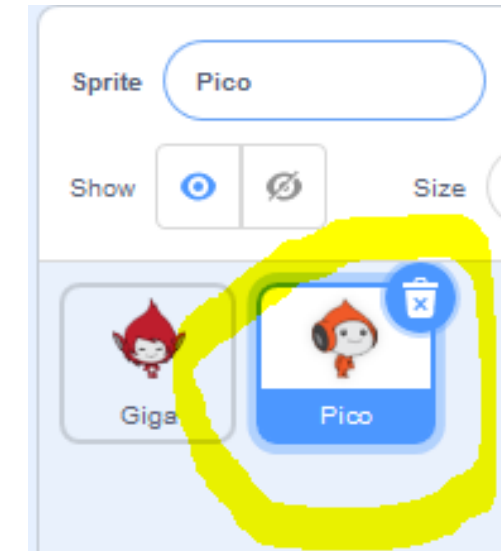
```
when I receive GigaSaysHello
say Hello there! for 2 seconds
broadcast PicoSaysHello and wait

when I receive GigaSaysMoveUs
say Of course. Just wait one second! for 2 seconds
broadcast PicoSaysWarmerPlace and wait
say How do you like this place? for 2 seconds
broadcast PicoSaysDoYouLikeDesert and wait

when I receive GigaSaysMoveBackToCold
say I knew you would not like hot. Here we go!! for 2 seconds
broadcast PicoChangeBackdropToCold and wait
```

15 Add the following Scratch block sequence to the Stage to change the backdrop based on the broadcast events received from Pico character.

when I receive `PicoSaysWarmerPlace ▼`
switch backdrop to `Desert ▼`

when I receive `GigaSaysMoveBackToCold ▼`
switch backdrop to `Arctic ▼`