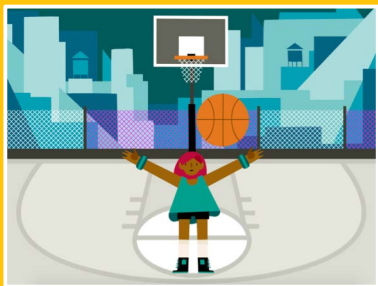


Animate a Character Cards



Bring characters to life with animation.

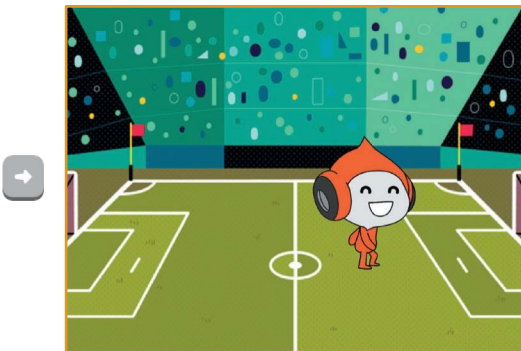
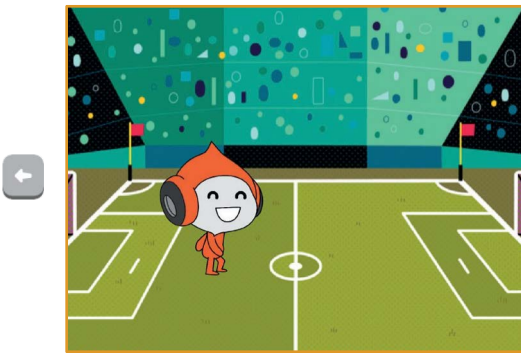
Animate a Character Cards

Try these cards in any order:

- **Move with Arrow Keys**
- **Make a Character Jump**
- **Switch Poses**
- **Glide from Point to Point**
- **Walking Animation**
- **Flying Animation**
- **Talking Animation**
- **Draw an Animation**

Move with Arrow Keys

Use the arrow keys to move your character around.



Move with Arrow Keys

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GET READY



Choose a backdrop.



Soccer 2



Choose a character.

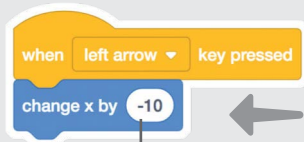
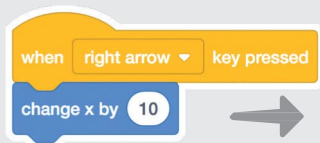


Pico Walking

ADD THIS CODE

Change x

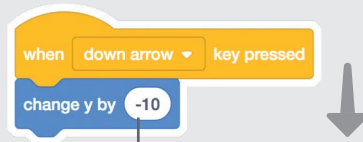
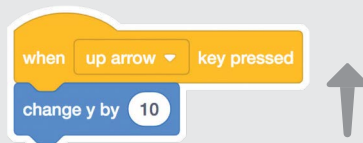
Move your character *side to side*.



Type a minus sign to move *left*.

Change y

Move your character *up and down*.



Type a minus sign to move *down*.

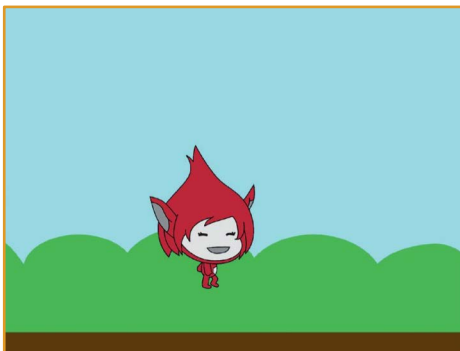
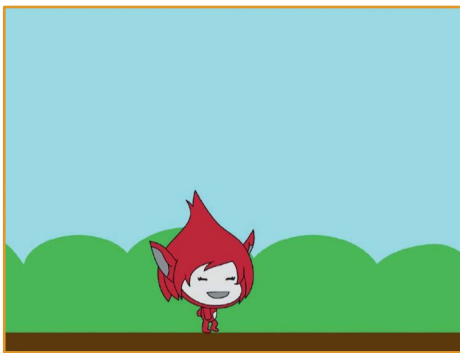
TRY IT



Press the arrow keys on your keyboard to move your character around.

Make a Character Jump

Press a key to jump up and down.



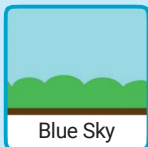
Make a Character Jump

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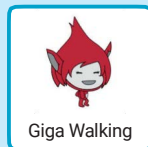
GET READY



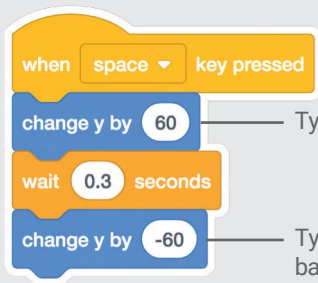
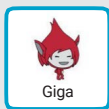
Choose a backdrop.



Choose a character.



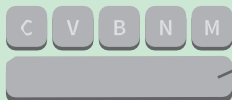
ADD THIS CODE



Type how high to jump.

Type a minus sign to go back down.

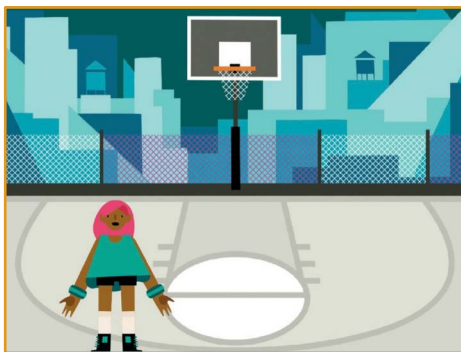
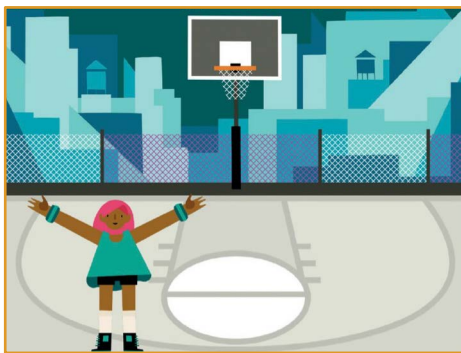
TRY IT



Press the **space** key on your keyboard.

Switch Poses

Animate a character when you press a key.



Switch Poses

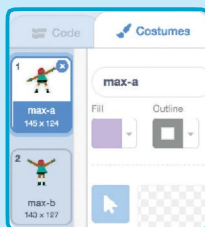
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GET READY

Choose a character with multiple costumes, like Max.



Scroll over sprites in the Sprite Library to see if they have different costumes.

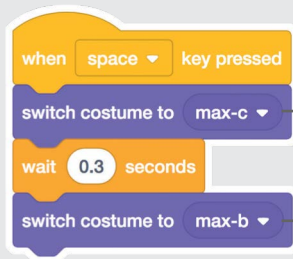
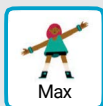


Click the **Costumes** tab to view all of your sprite's costumes.

ADD THIS CODE



Click the **Code** tab.



Choose a costume.

Choose a different costume.

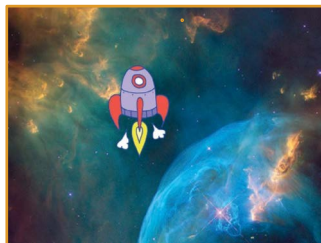
TRY IT



Press the **space** key on your keyboard.

Glide from Point to Point

Make a sprite glide from point to point.



Glide from Point to Point

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GET READY



Choose a backdrop.



Nebula



Choose a character.




Rocketship

ADD THIS CODE



Rocketship

when  clicked

go to x: y: Set the starting point.

glide secs to x: y: Set another point to glide to.

glide secs to x: y: Set the end point.

TRY IT

Click the green flag to start.



TIP



Motion go to x: y:

Looks glide secs to random position

Sound glide secs to x: y:

When you drag a sprite, its **x** and **y** positions will update in the blocks palette.

Walking Animation

Make a character walk or run.



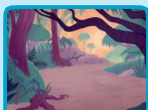
Walking Animation

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GET READY



Choose a backdrop.



Jungle



Choose a walking or running sprite.



Unicorn Running

ADD THIS CODE



```
when green flag clicked
  go to x: -140 y: -60
  repeat (50)
    move 10 steps
    next costume
```

TRY IT



Click the green flag to start.

TIP

wait 0.01 seconds

If you want to slow down the animation, try adding a **wait** block inside the **repeat** block.

Flying Animation

Have a character flap its wings as it moves across the stage.



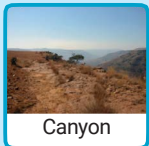
Flying Animation

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GET READY



Choose a backdrop.



Canyon



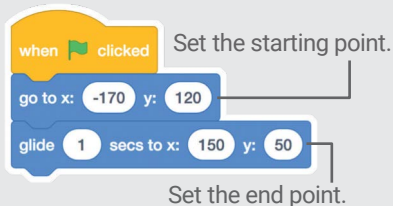
Choose Parrot
(or another flying sprite).



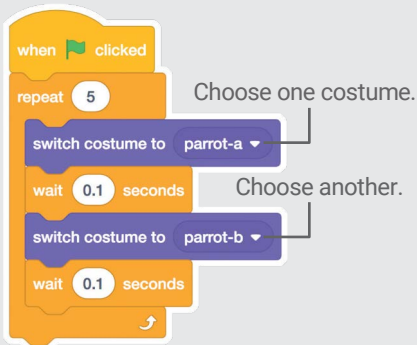
Parrot

ADD THIS CODE

Glide across the screen



Flap the wings



TRY IT

Click the green flag to start.



Talking Animation

Make a character talk.



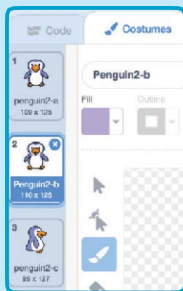
Talking Animation

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GET READY



Choose Penguin 2.

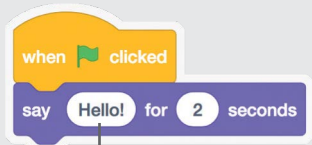


Click the **Costumes** tab to view the penguin's other costumes.

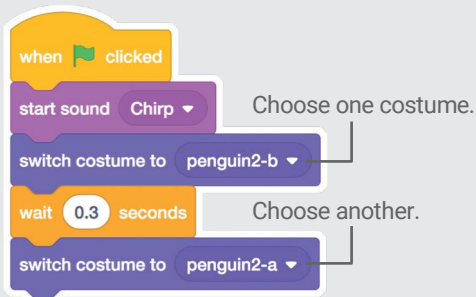
ADD THIS CODE



Click the **Code** tab.



Type what you want your character to say.



TRY IT

Click the green flag to start.



Draw an Animation

Edit a sprite's costumes to create your own animation.

