Animate a Character Cards









Bring characters to life with animation.

SCRATCH

Animate a Character Cards

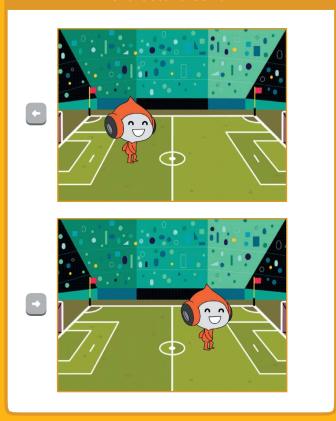
Try these cards in any order:

- 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 character.



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.



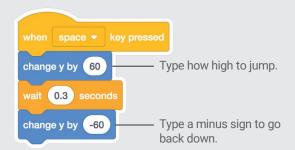


Choose a character.



ADD THIS CODE





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.

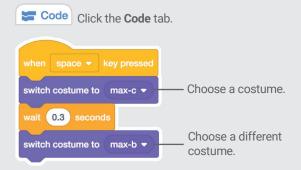




Click the **Costumes** tab to view all of your sprite's costumes.

ADD THIS CODE





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.



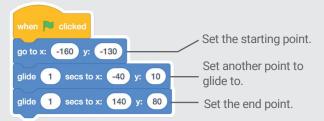


Choose a character.



ADD THIS CODE





TRY IT

Click the green flag to start.

TIP





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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Choose a backdrop.





Choose a walking or running sprite.



ADD THIS CODE





TRY IT



Click the green flag to start.

TIP



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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Choose Parrot (or another flying sprite).

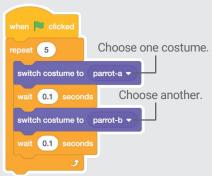


ADD THIS CODE

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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Choose Penguin 2.



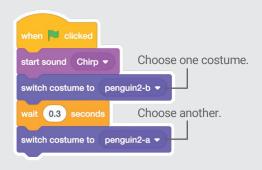




Click the **Costumes** tab to view the penguin's other costumes.

ADD THIS CODE





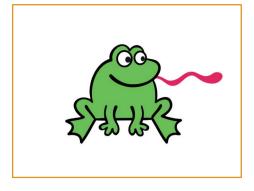
TRY IT

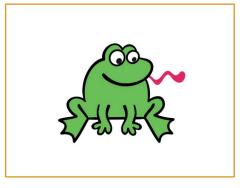
Click the green flag to start.



Draw an Animation

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





Draw an Animation

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GET READY



Choose a character.







Right-click (on a Mac, control-click) a costume to duplicate it.

Now you should have two identical costumes.



Click a costume to select and edit it.

Click the **Select** tool.



Select a part of the costume to squeeze or stretch it.





Drag the handle to rotate an object you've selected.





ADD THIS CODE



Code

Click the **Code** tab.

Use the **next costume** block to animate your character.

TRY IT



Click the green flag to start.