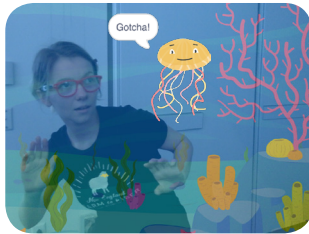
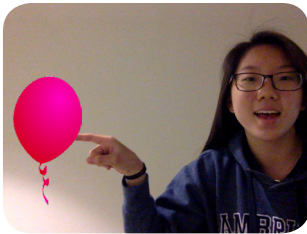
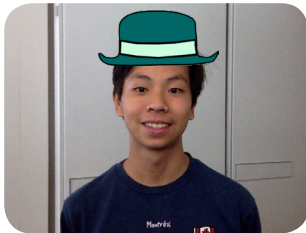


Video Sensing Cards



**Interact with a project using
video sensing.**

Download a copy of these cards at:
bit.ly/ScratchSensingCards18

Video Sensing Cards

Try these cards in any order:

- 1 Pet the Cat**
- 2 Change Color**
- 3 Animate**
- 4 Pop a Balloon**
- 5 Keep Away Game**
- 6 Move a Sprite**
- 7 Back and Forth**
- 8 Clean The Screen**

Pet the Cat



Make the cat meow when you touch it.



Pet the Cat

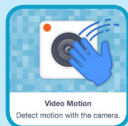
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GET READY

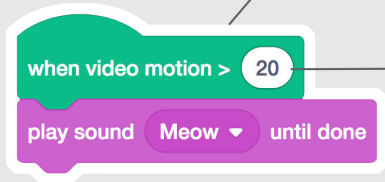
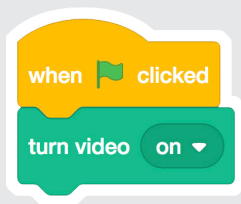


Click the **Add an Extension** button (on the bottom of the screen).



Choose **Video Sensing** to add the video blocks.

ADD THIS CODE



Senses motion on a sprite.

Type a larger number to make it less sensitive to movement.

TRY IT

Click the green flag to start.

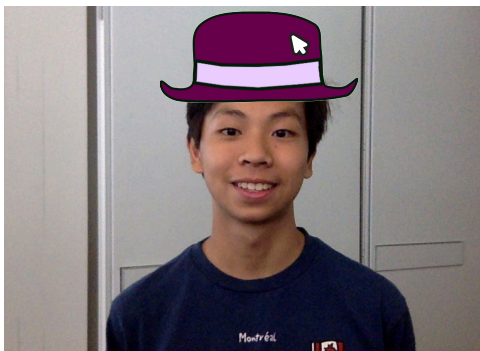
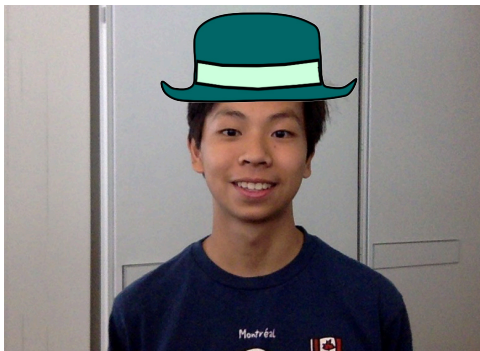


Move your hand to pet the cat.

Change Color



Click on a sprite to change the color of your fashion.

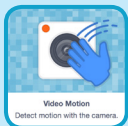


Change Color

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GET READY

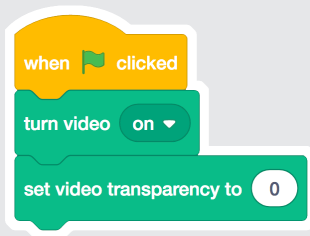


Click the **Add an Extension** button,
then choose **Video Sensing**.

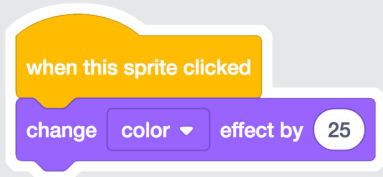


Choose a sprite, like Hat.

ADD THIS CODE



Type **0** to make the video
less transparent.



TRY IT

Click the green
flag to start.



Click the hat to change its
color.

Animate



Move around to bring a sprite to life.

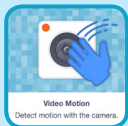




GET READY



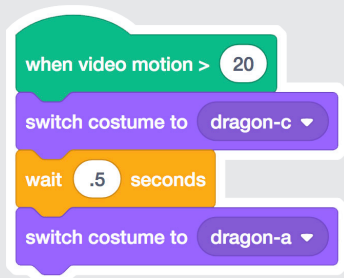
Click the **Add an Extension** button,
then choose **Video Sensing**.



Choose a sprite, like Dragon.



ADD THIS CODE



Choose one
costume.

Choose another
costume.

TRY IT

Click the green
flag to start.

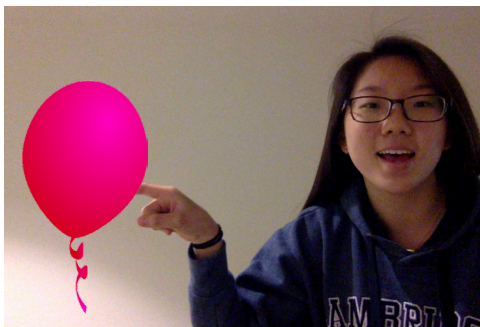
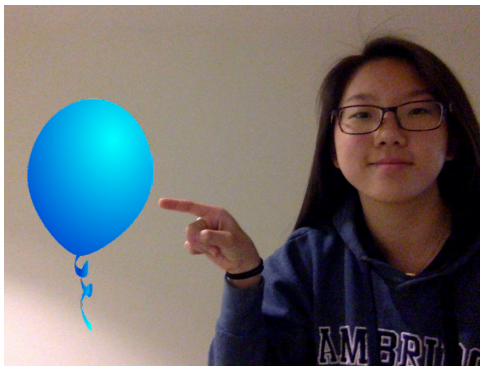


Move around to animate the
dragon.

Pop a Balloon



Use your finger to pop a balloon.



Pop a Balloon

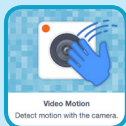
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GET READY

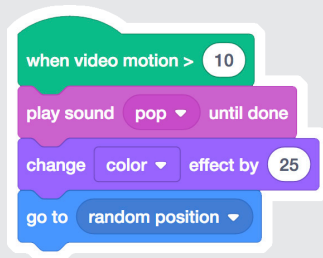
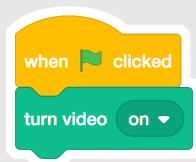


Click the **Add an Extension** button, then choose **Video Sensing**.



Choose a sprite, like Balloon.

ADD THIS CODE



TRY IT

Click the green flag to start.

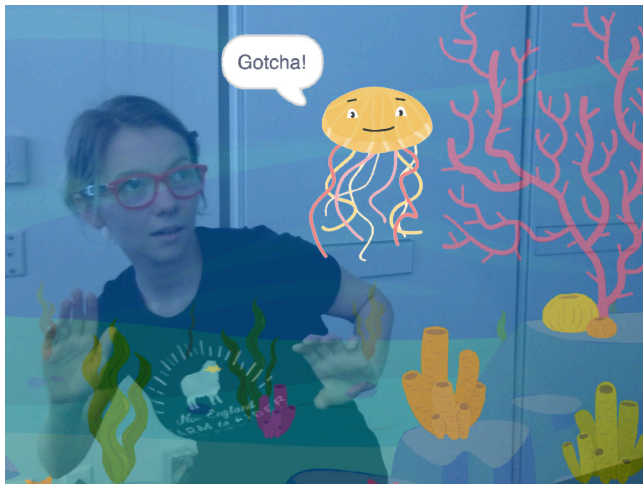


Use your finger to pop the balloon.

Keep Away Game



Move around to avoid a sprite.

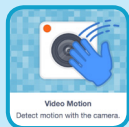


Keep Away Game

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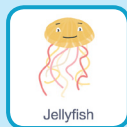
GET READY



Click the **Add an Extension** button, then choose **Video Sensing**.

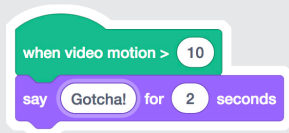
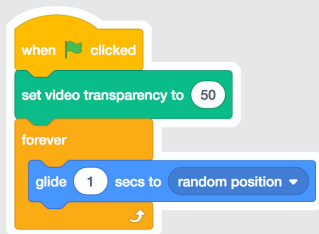


Choose a backdrop, like Ocean.



Choose a sprite, like Jellyfish.

ADD THIS CODE



TRY IT

Click the green flag to start.

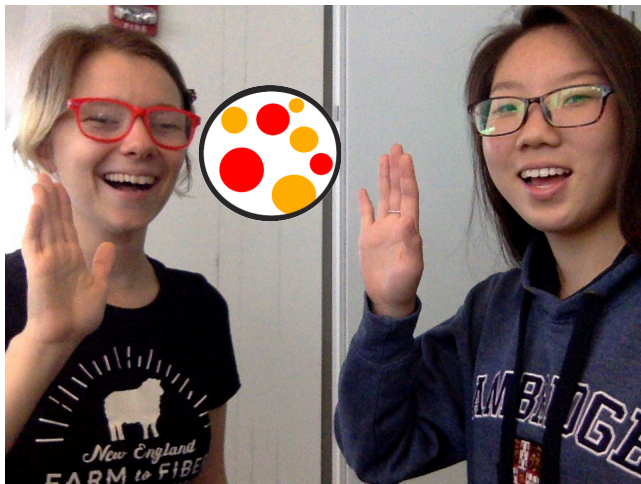


Move around to avoid the jellyfish.

Move a Sprite



Use your body to move a sprite across the screen.

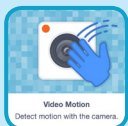


Move a Sprite

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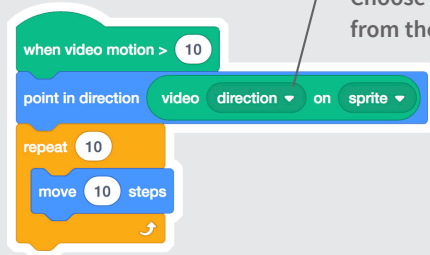
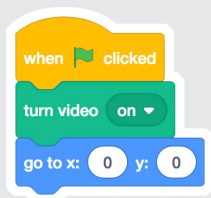
GET READY



Click the **Add an Extension** button,
then choose **Video Sensing**.

Choose a sprite, like Beachball.

ADD THIS CODE



Choose video **direction**
from the menu.

TRY IT

Click the green
flag to start.



Use your hands to push the
beach ball around the screen.
Try it with a friend!

Back and Forth



Use your body to bounce a sprite across the screen.



Back and Forth

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GET READY

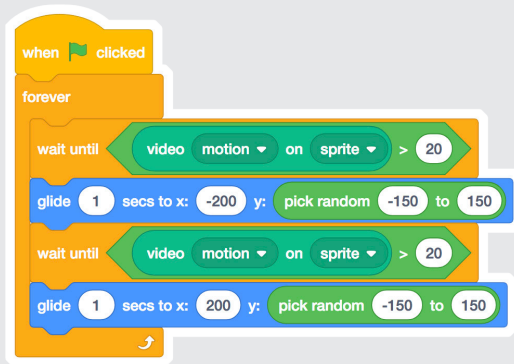


Click the **Add an Extension** button, then choose **Video Sensing**.

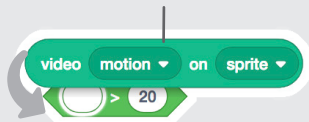


Choose a sprite, like **Earth**.

ADD THIS CODE



Add the **video motion** block to the **greater than Operator** block.



TRY IT

Click the green flag to start.

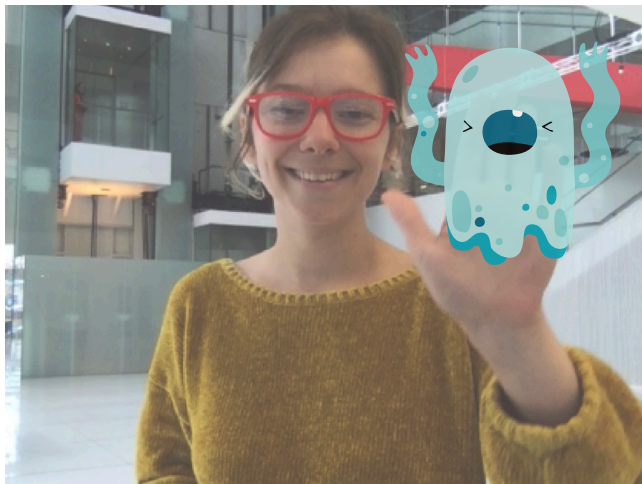


Use your hands to bounce the ball around the screen. Try it with a friend!

Clean Your Screen



Use your hand to clean your screen
by wiping away a sprite.



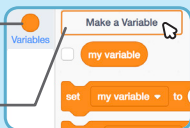
Clean Your Screen

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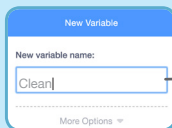


GET READY

Choose **Variables**



Click the **Make a Variable** button.



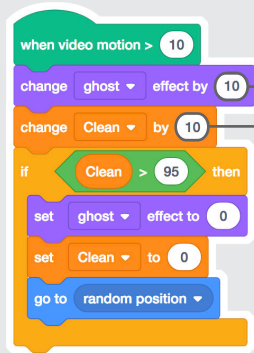
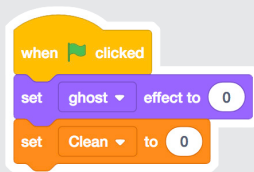
Name this variable **Clean**, then click **OK**.

This variable will track how clean your screen is.

ADD THIS CODE



Choose a sprite.



What happens when you double or triple these numbers?

TRY IT

Click the green flag to start.



Use your hands to clean your screen by wiping away the sprite.