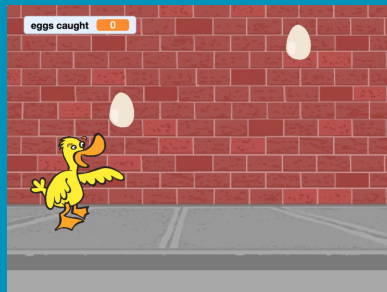
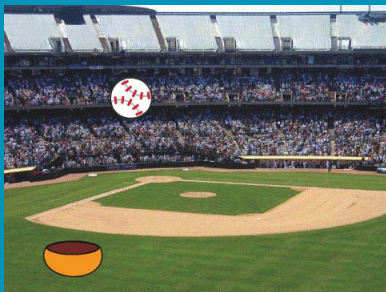
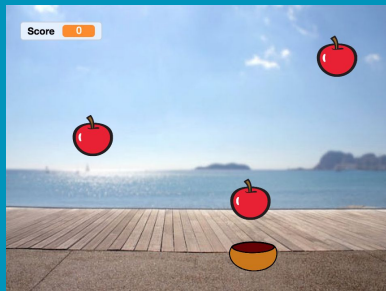


Catch Game Cards



Make a game where you catch things falling from the sky.

Catch Game Cards

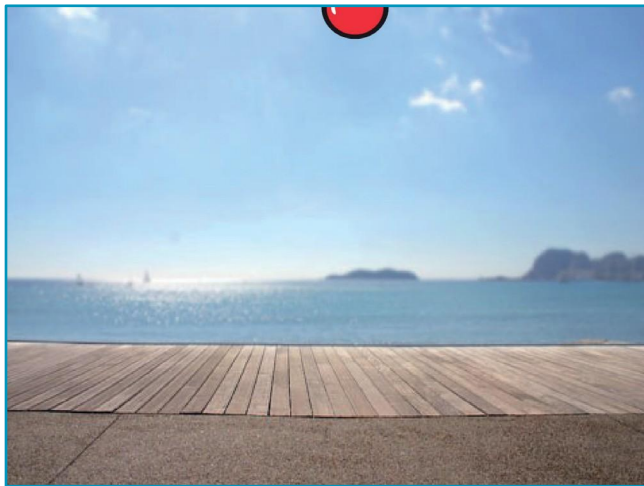
Use these cards in this order:

- 1. Go to the Top**
- 2. Fall Down**
- 3. Move the Catcher**
- 4. Catch It!**
- 5. Keep Score**
- 6. Bonus Points**
- 7. You Win!**

Go to the Top



Start from a random spot at the top of the Stage.



Go to the Top

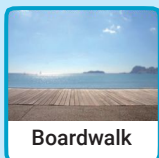
scratch.mit.edu



GET READY



Choose a backdrop,
like Boardwalk.



Choose a sprite,
like Apple.



ADD THIS CODE



Type 180 to go to the
top of the stage.

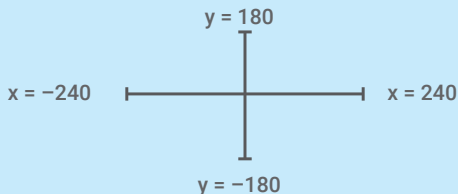
TRY IT

Click the green flag to start.



TIP

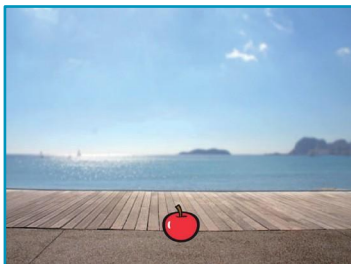
y is the position on the Stage from top to bottom.



Fall Down



Make your sprite fall down.



Fall Down

scratch.mit.edu



GET READY



Click to select the Apple sprite.

ADD THIS CODE

Keep the previous code as is, and add this second stack of blocks:



Insert the **y position** block into this block from the Operators category.



Type a minus sign to fall down.

Check if near the bottom of the Stage.

Go back to the top of the Stage.

TRY IT

Click the green flag to start.



Click the stop sign to stop.

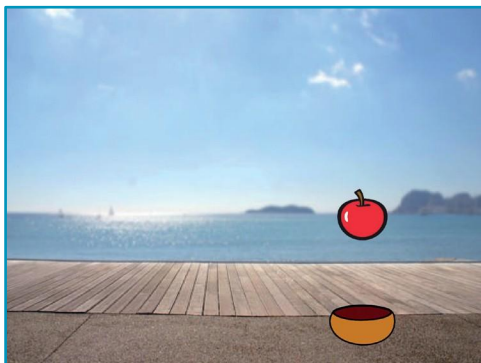
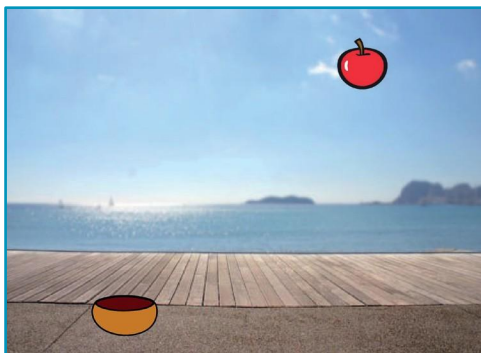
TIP

Use **change y by** to move up or down.



Move the Catcher

Press the arrow keys so that the catcher moves left and right.



Move the Catcher

scratch.mit.edu



GET READY



Choose a catcher like Bowl.



Drag the bowl to the bottom of the Stage.

ADD THIS CODE



```
when green flag clicked
  forever loop
    if key right arrow pressed? then
      change x by 10
    if key left arrow pressed? then
      change x by -10
```

Choose the **right arrow** from the menu.

Choose the **left arrow** from the menu.

TRY IT

Click the green flag to start.

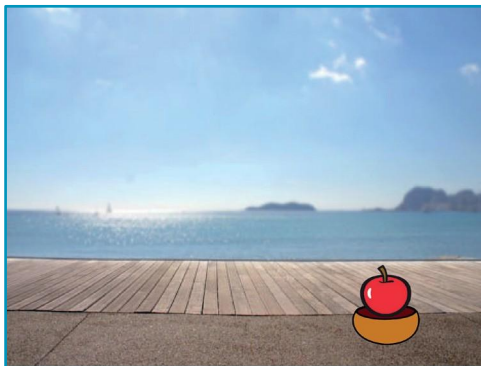
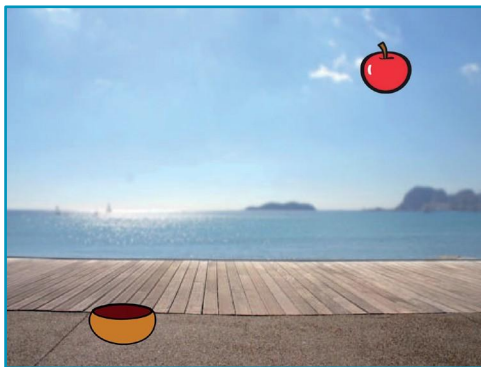


Press the arrow keys to move the catcher.

Catch It!



Catch the falling sprite.



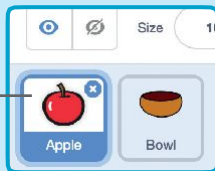
Catch It!

scratch.mit.edu



GET READY

Click to select
the Apple.



ADD THIS CODE



Choose **Bowl** from the menu.

Choose a sound.

TIP

 Sounds

Click the **Sounds** tab
you want to add a
different sound.



Then choose a sound
from the Sounds Library.

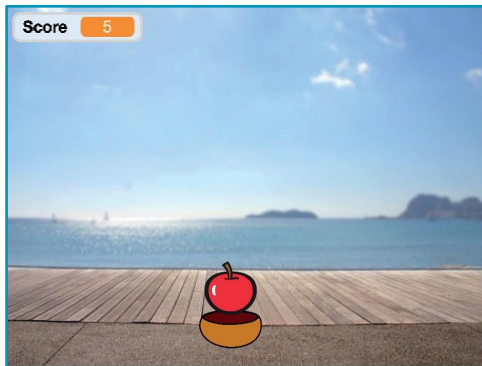
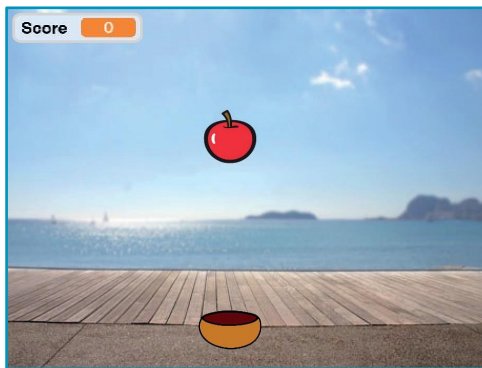
 Code

Click the **Code** tab
when you want to
add more blocks.

Keep Score



Add a point each time you catch the falling sprite.



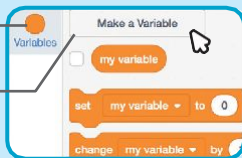
Keep Score

scratch.mit.edu



GET READY

Choose **Variables**.



Click the **Make a Variable** button.



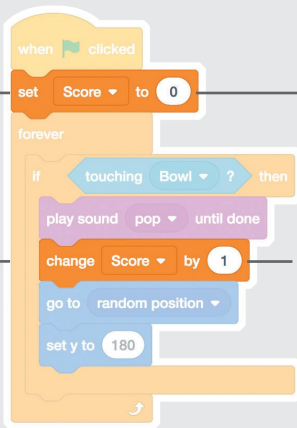
Name this variable **Score** and then click **OK**.

ADD THIS CODE

Add two new blocks to your code:



Choose **Score** from the menu.



Add this block to reset the score.

Add this block to increase the score.

TRY IT

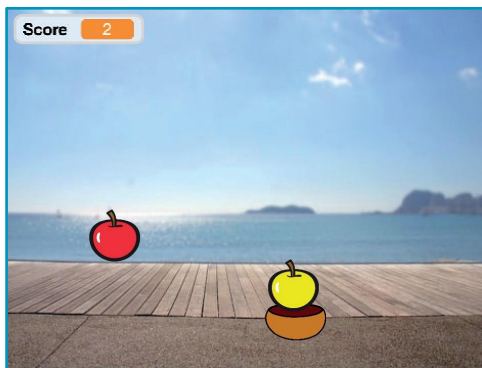
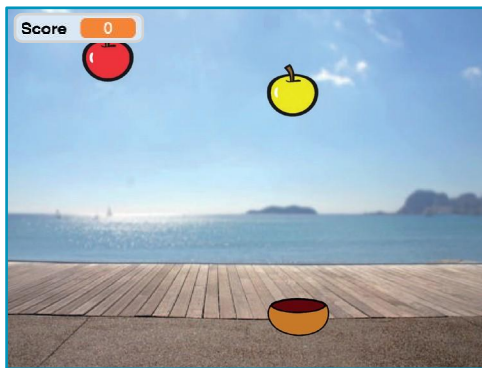


Click the green flag to start.
Then, catch apples to score points!

Bonus Points



Get extra points when you catch a golden sprite.



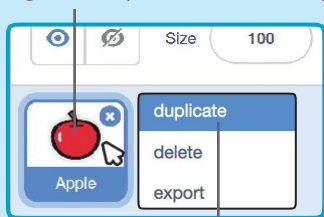
Bonus Points

scratch.mit.edu



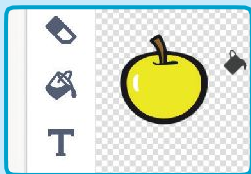
GET READY

To duplicate your sprite, right-click (Mac: control-click).



Choose **duplicate**.

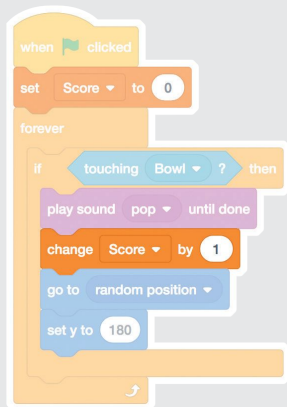
Click the **Costumes** tab.



You can use the paint tools to make your bonus sprite look different.

ADD THIS CODE

Click the **Code** tab.



Type how many points you get for catching a bonus sprite.

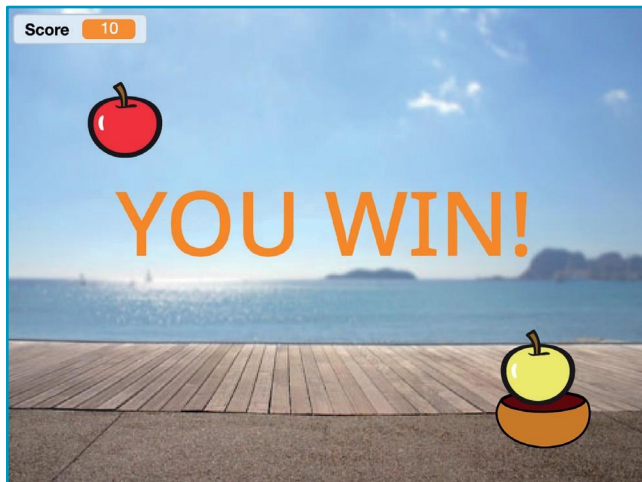
TRY IT

Catch the bonus sprite to increase your score!

You Win!



When you score enough points, display a winning message!

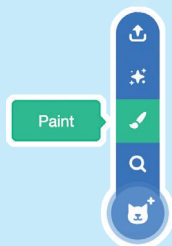


You Win!

scratch.mit.edu



GET READY



Click the **Paint** icon to make a new sprite.

Use the **Text** tool to write a message, like "You Win!"

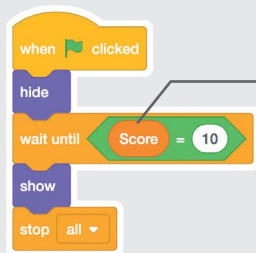


You can change the font color, size, and style.

ADD THIS CODE



Click the **Code** tab.



Insert the **Score** block from the Variables category.

TRY IT

Click the green flag to start.



Play until you score enough points to win!