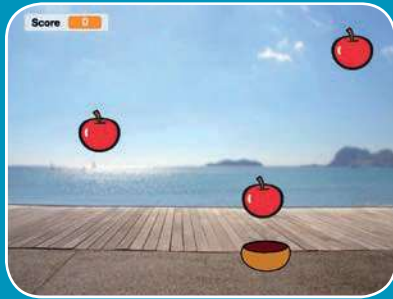


Catch Game Cards



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.



Catch Game

1



Go to the Top

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GET READY



Choose a backdrop,
like Boardwalk.



Boardwalk



Choose a sprite,
like Apple.



Apple

ADD THIS CODE



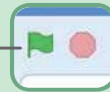
Apple



Type **180** to go to the
top of the Stage.

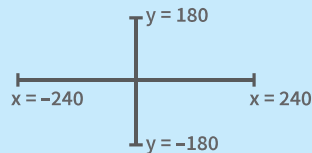
TRY IT

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.



Catch Game

2

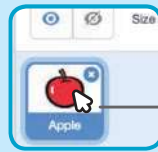
SCRATCH

Fall Down

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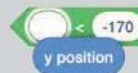
GET READY



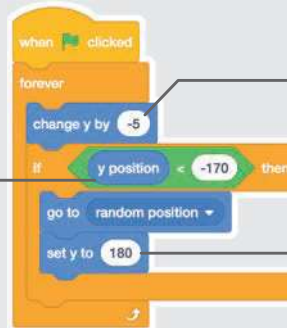
Click to select the Apple sprite.

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

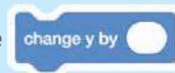
Click the green flag to start.



Click the stop sign to stop.

TIP

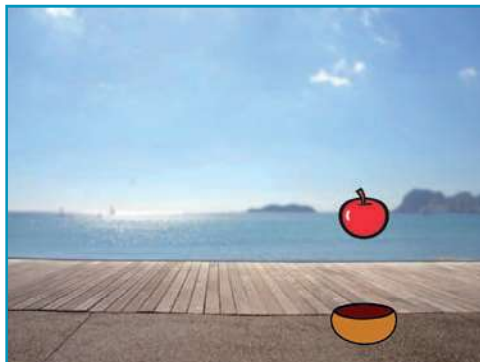
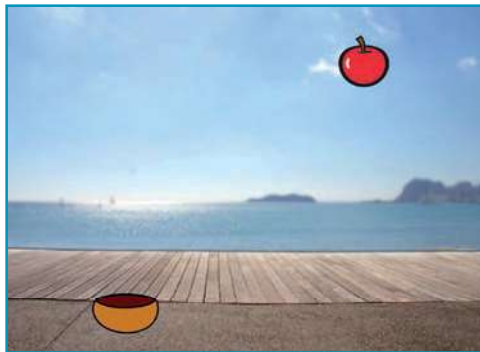
Use **change y by** to move up or down.



Move the Catcher



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



Move the Catcher

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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 Game

4

Scratch

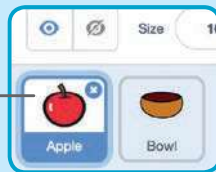
Catch It!

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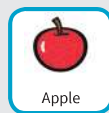


GET READY

Click to select the Apple sprite.



ADD THIS CODE



Choose **Bowl** from the menu.

Choose a sound.

TIP



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



Then choose a sound from the Sounds Library.

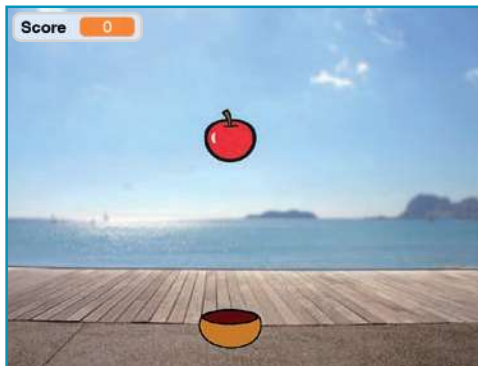


Click the **Code** tab when you want to add more blocks.

Keep Score



Add a point each time you catch the falling sprite.



Catch Game

5

SCRATCH

Keep Score

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GET READY

Choose **Variables**.

Click the **Make a Variable** button.



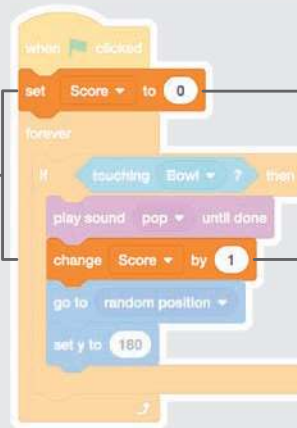
Name this variable **Score** and then click **OK**.

ADD THIS CODE

Add two new blocks to your code:



Choose **Score** from the drop-down menu.



Add this block to reset the score.

Add this block to increase the score.

TRY IT

Click the green flag to start.

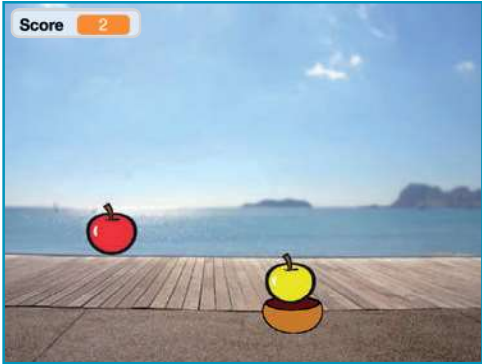


Then, catch apples to score points!

Bonus Points



Get extra points when you catch a golden sprite.



Bonus Points

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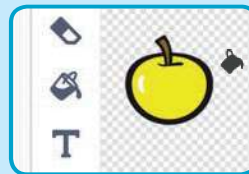
GET READY

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



Choose **duplicate**.

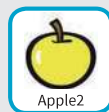
 **Costumes** Click the **Costumes** tab.



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

ADD THIS CODE

 **Code** Click the **Code** tab.



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

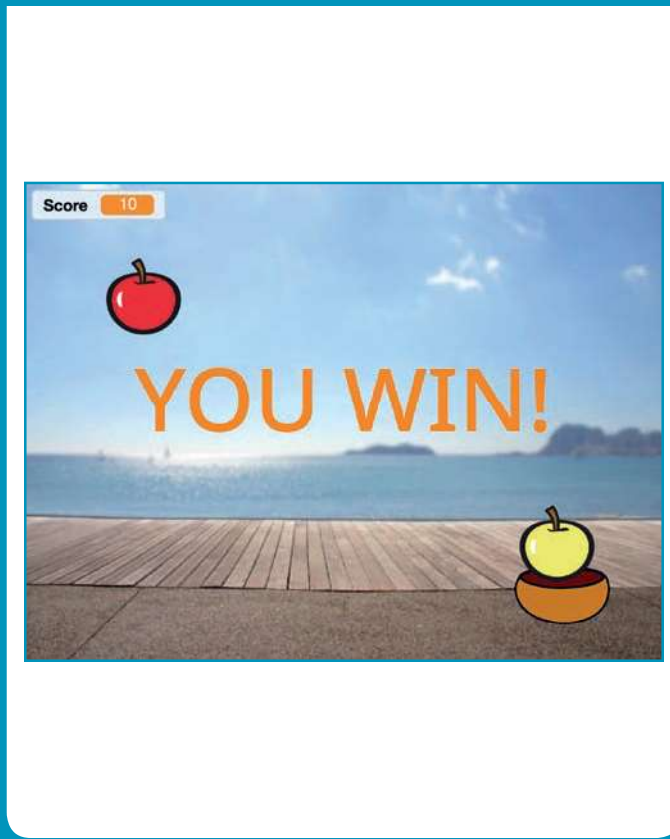
TRY IT

Catch the bonus sprite to increase your score!

You Win!



When you score enough points,
display a winning message!



You Win!

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GET READY



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

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

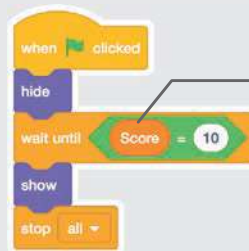
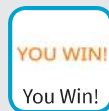


You can change the font color, size, and style.

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!