Pong Game Cards









Make a bouncing ball game with sounds, points, and other effects.

Pong Game Cards

Use these cards in this order:

- Bounce Around
- 2 Move the Paddle
- **3** Bounce Off the Paddle
- 4 Game Over
- **5** Score Points
- **6** Win the Game

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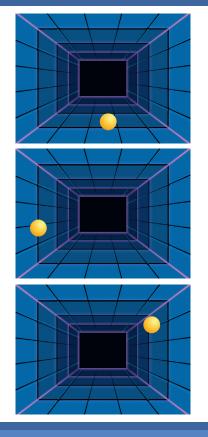
2. Glue the backs together



3. Cut along the dashed line

Bounce Around

Make a ball move around the Stage.



Pong Game

1

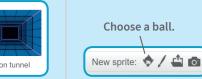


Bounce Around

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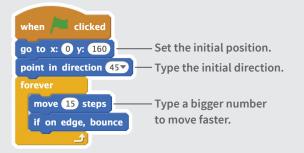








ADD THIS CODE



TRY IT

Click the green flag to start.

TIP

point in direction \bigcirc sets the direction of the ball. 0 45 $^{-90}$ \longrightarrow 0 0

¥ 180







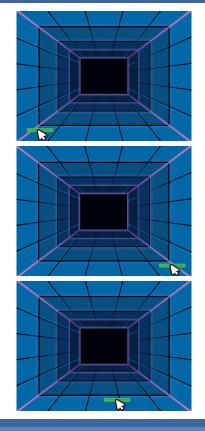
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Mové the Paddle

Control a paddle by moving your mouse pointer.



Pong Game



Move the Paddle

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GET READY



Drag the paddle to the bottom of the Stage.



ADD THIS CODE



TRV IT



Move your mouse pointer 🕽 to move the paddle.

TIP

mouse x changes as you move the mouse pointer across the Stage.









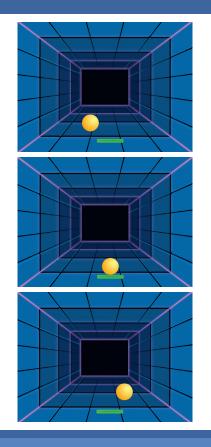
2. Glue the backs together



3. Cut along the dashed line

Bounce Off the Paddle

Make the ball bounce off the paddle.



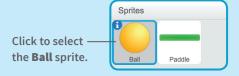
Pong Game

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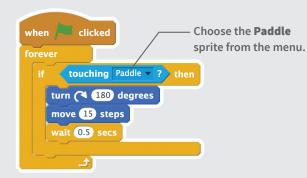
Bounce Off the Paddle

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GET READY



ADD THIS CODE



TRY IT

Click the green flag to start. — 🏲 🛑

TIP

Insert a pick random block to make the ball bounce in different directions.



Use numbers around 180.







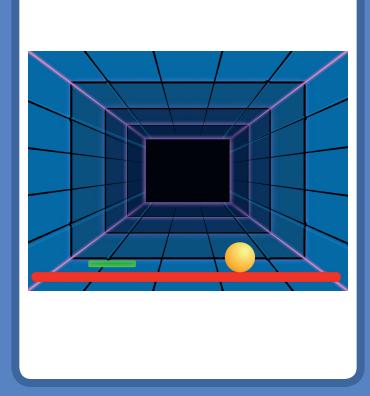
2. Glue the backs together



3. Cut along the dashed line



Stop the game if the ball hits the red line.



Pong Game



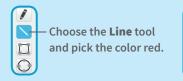
Game Over

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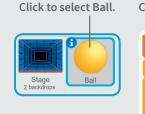
Then, click the Backdrops tab.

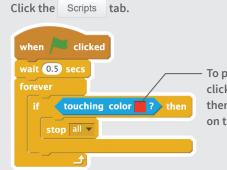




Draw a line at the bottom. (To make a straight line, hold down the Shift key while drawing.)

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To pick the color, click this square and then click the red line on the Stage.

TRY IT

Click the green flag to start.









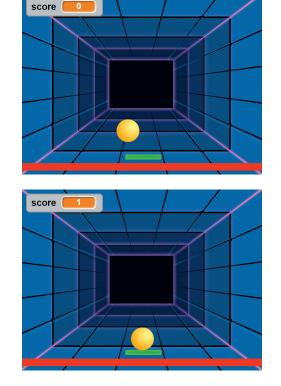
2. Glue the backs together



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Score Points

Add a point each time you hit the ball with the paddle.



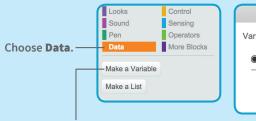
Pong Game

SCRAT

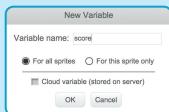
Score Points

scratch.mit.edu/pong

GET READY



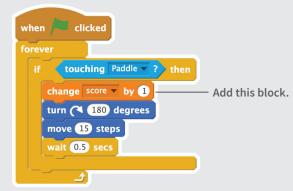
Click the **Make a Variable** button.



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

ADD THIS CODE





TIP

Use a **set score to 0** block to reset the score when you click the green flag.









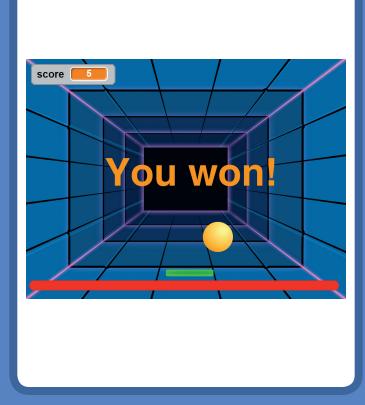
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Win the Game

When you score enough points, display a winning message!



Pong Game



Win the Game

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GET READY

Click the paintbrush to draw a new sprite.



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



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

ADD THIS CODE

Click the Scripts tab.

when clicked hide Insert the score block.

wait until score > 5

show stop all v

TRV IT

Click the green flag to start.

Play until you score enough points to win!

