

# Make a Card



1. Fold the card in half



2. Glue the backs together



3. Cut along the dashed line

## Make It Fly Cards



Choose any character and make it fly!

## Make It Fly Cards

Use these cards in this order:

- 1 Choose a Character
- 2 Start Flying
- 3 Switch Looks
- 4 Move with Keys
- 5 Floating Clouds
- 6 Flying Hearts
- 7 Collect Points

# Make a Card



1. Fold the card in half



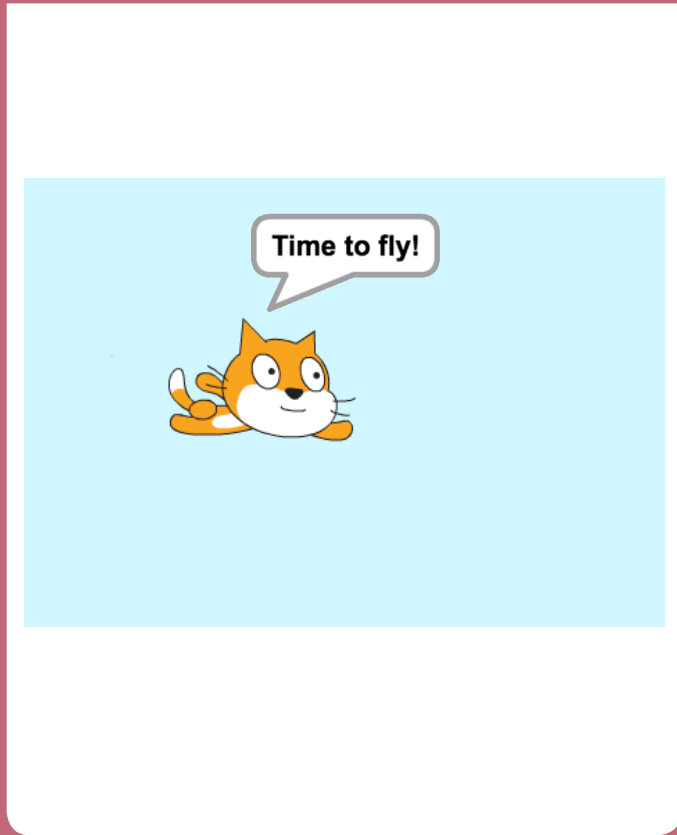
2. Glue the backs together



3. Cut along the dashed line

## Choose a Character

Choose a character to fly.



Make It Fly

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## Choose a Character

[scratch.mit.edu/fly](https://scratch.mit.edu/fly)

### GET READY

New backdrop:



Choose a backdrop.



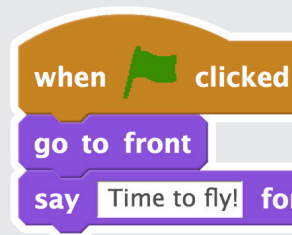
New sprite:



Choose a sprite from the **Flying** theme.



### ADD THIS CODE



Type what you want your sprite to say.

### TRY IT

Click the green flag to start



# Make a Card



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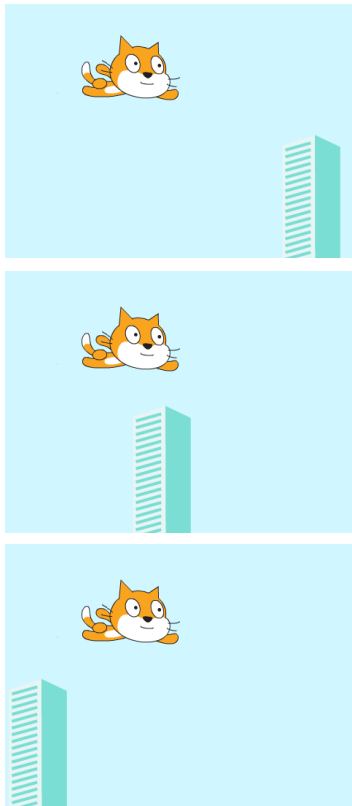
2. Glue the backs together



3. Cut along the dashed line

## Start Flying

Move the scenery so your character looks like it's flying.



## Start Flying

[scratch.mit.edu/fly](https://scratch.mit.edu/fly)

### GET READY

New sprite:

Choose a sprite to fly by, such as Buildings.



### ADD THIS CODE



when clicked

forever

set x to 250

Start from the right end of the stage.

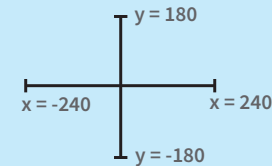
repeat 100

change x by -5

Type a negative number to move left.

### TIP

x is the position on the Stage from left to right.



# Make a Card



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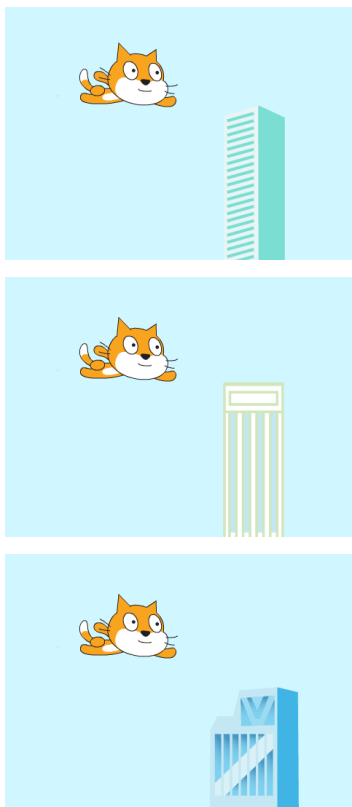
2. Glue the backs together



3. Cut along the dashed line

## Switch Looks

Add variety to your scenery.



Make It Fly

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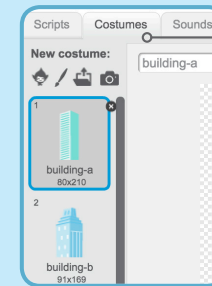
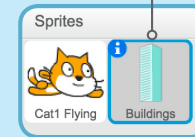


## Switch Looks

[scratch.mit.edu/fly](https://scratch.mit.edu/fly)

### GET READY

Click to select the **Buildings** sprite.



Then, click the **Costumes** tab to see different costumes.

### ADD THIS CODE



Click the **Scripts** tab.



Add this block to switch costumes.

### TRY IT

Click the green flag to start



# Make a Card



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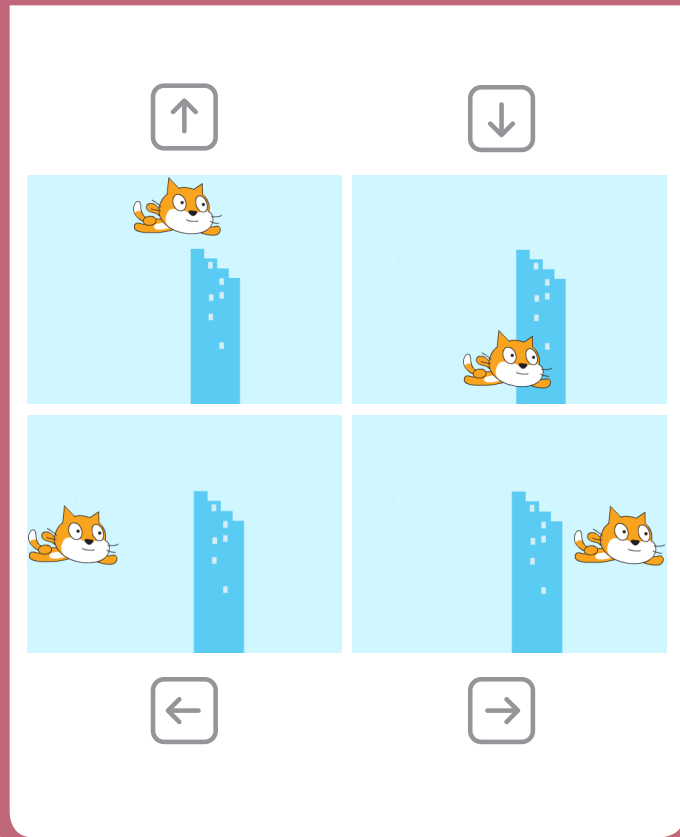
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## Make It Interactive

Make your character move when you press a key.



Make It Fly

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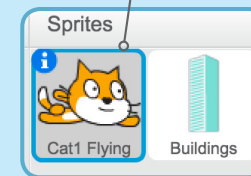
Scratch

## Make It Interactive

[scratch.mit.edu/fly](https://scratch.mit.edu/fly)

### GET READY

Click to select your flying sprite.



### ADD THIS CODE

when **up arrow** key pressed

change y by **10**

when **down arrow** key pressed

change y by **-10**

when **left arrow** key pressed

change x by **-10**

when **right arrow** key pressed

change x by **10**

### TRY IT

Press the arrow keys on your keyboard to make your character move.

# Make a Card



1. Fold the card in half



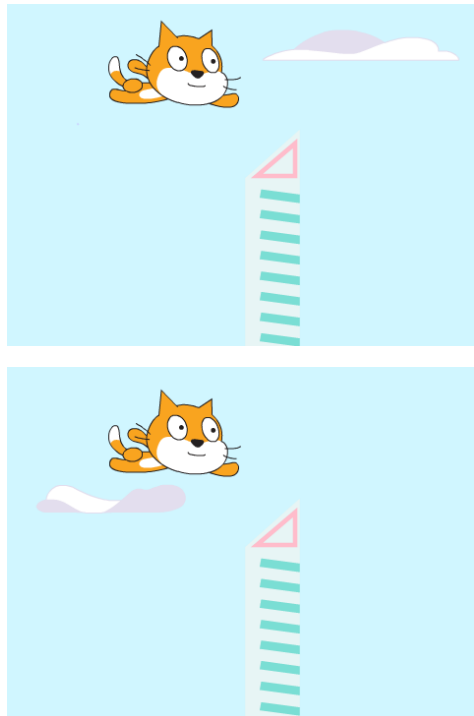
2. Glue the backs together



3. Cut along the dashed line

## Floating Clouds

Make clouds float by in the sky!



Make It Fly

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Scratch

## Floating Clouds

[scratch.mit.edu/fly](https://scratch.mit.edu/fly)

### GET READY

New sprite:

Choose Clouds from the library.



### ADD THIS CODE

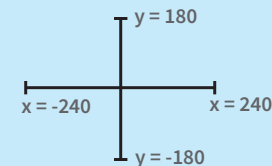
```
when green flag clicked
  forever loop
    set y to pick random 1 to 10
    set x to 250
    next costume
    repeat 50
      change x by -10
```

Drag the **pick random** block into the **set y to** block.

Type 180 to keep Clouds in top half.

### TIP

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



# Make a Card



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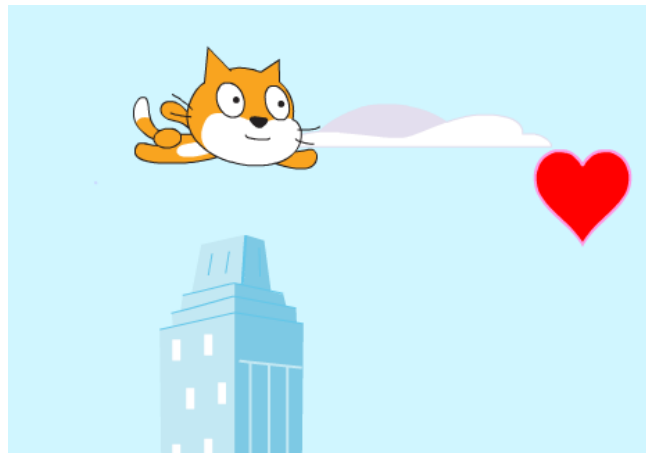
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## Flying Hearts

Add hearts or other floating objects to collect.



## Flying Hearts

[scratch.mit.edu/fly](https://scratch.mit.edu/fly)

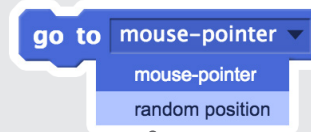
### GET READY

New sprite:

Choose a sprite, such as Heart.



### ADD THIS CODE



Choose random position from the menu.



### TRY IT

Click the green flag to start



# Make a Card



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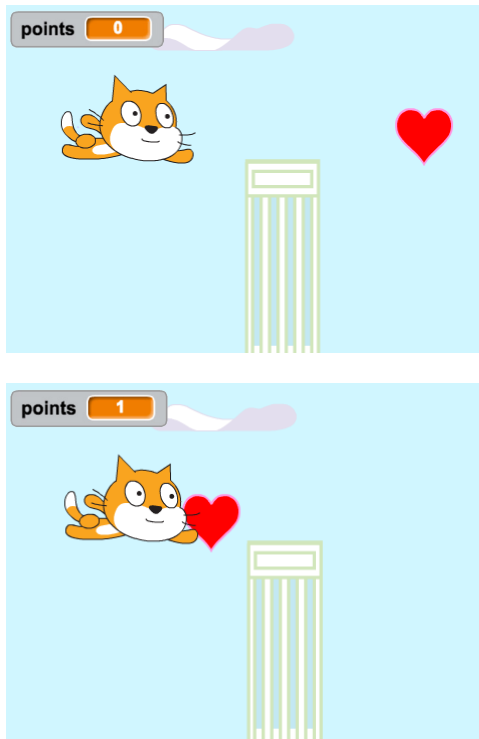
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## Collect Points

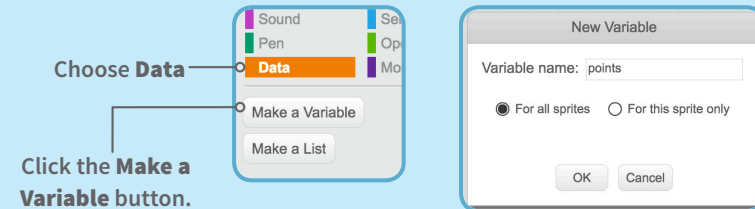
Add a point each time you touch a heart or other object.



## Collect Points

[scratch.mit.edu/fly](https://scratch.mit.edu/fly)

### GET READY



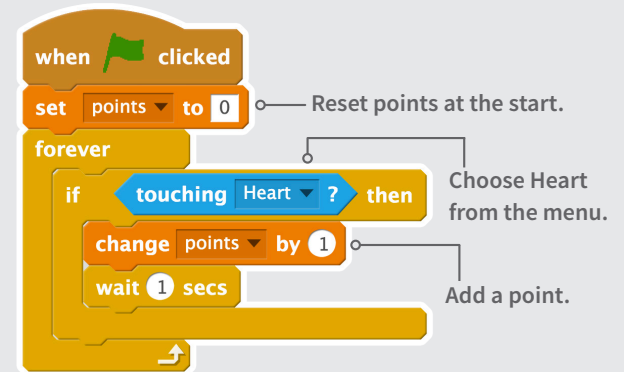
Choose **Data**  
Click the **Make a Variable** button.

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

### ADD THIS CODE



Select your flying sprite.



Reset points at the start.

Choose Heart from the menu.

Add a point.

### TRY IT

Click the green flag to start

