

Getting Started with Scratch

a guide to designing introductory Scratch workshops draft version, september 2009



Press a key to change the color of a sprite.







SUB ATOM



New sprite: প 🚖

GET READY

Paint a new sprite. Or, cho

Or, choose one from a folder.

TRY THIS CODE

when Space ▼ key pressed change color ▼ effect by 25

DO IT!

Press the space bar to change colors.



The more colors in the sprite, the more changes you will see. (If the sprite is all black, the color change will be subtle.)

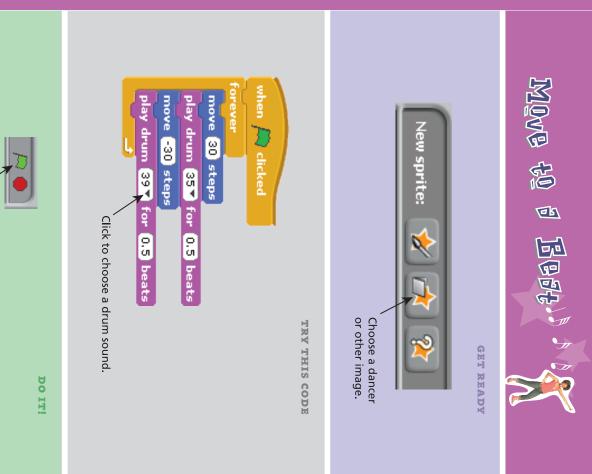
Make A Card 1. Fold the



2. Put glue on the back. O









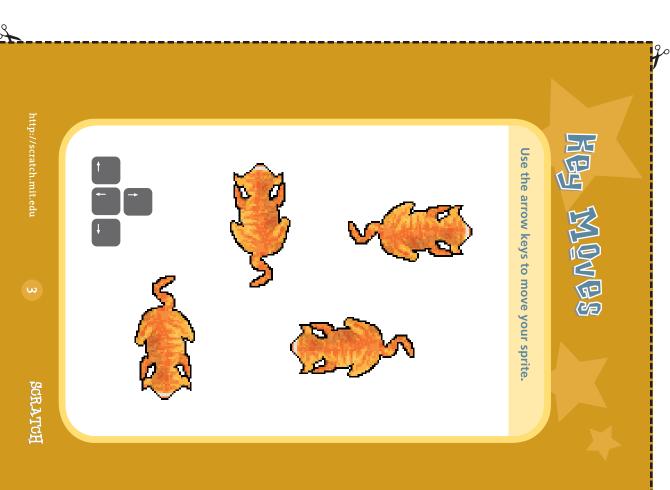


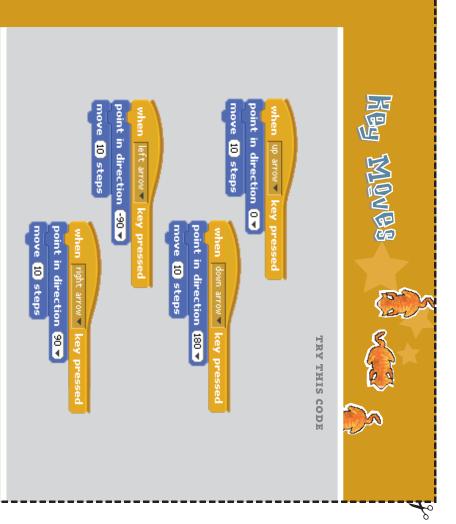
SCRATCH

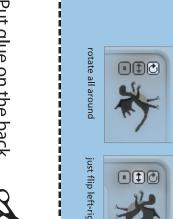
Click the green flag to start.













Press the arrow keys to move!

DO IT!

EXTRA TIP

Make A Card





Put glue on the back.



What do you want your sprite to say?











Eugypawos has





TRY THIS CODE

Select a sprite.
Type in a name for your sprite.

Find the block that includes your sprite's name.

say Hey! I didn't know hippos could fly! for (2) secs

Type in any words.

DO IT!

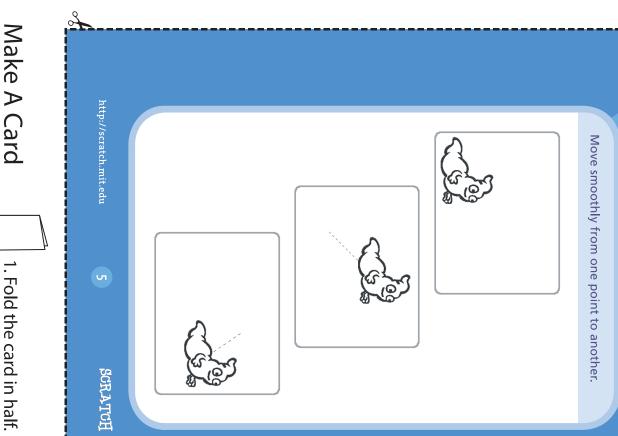
Click on the sprite to start.

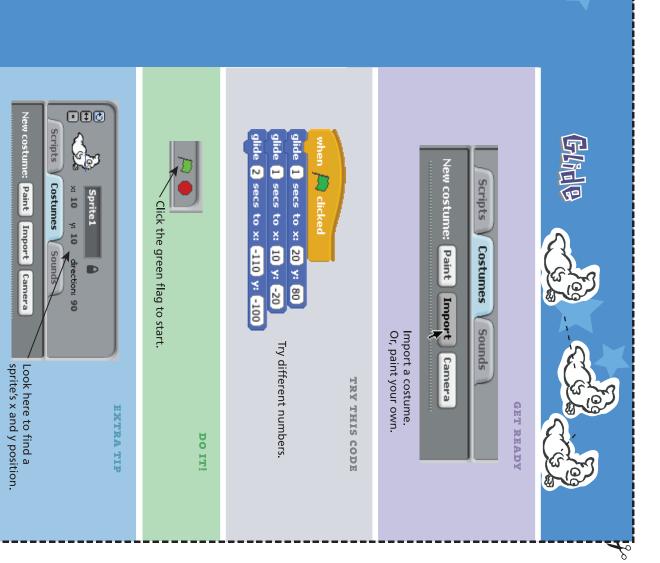
Make A Card

1. Fold the card in half.

2. Put glue on the back.











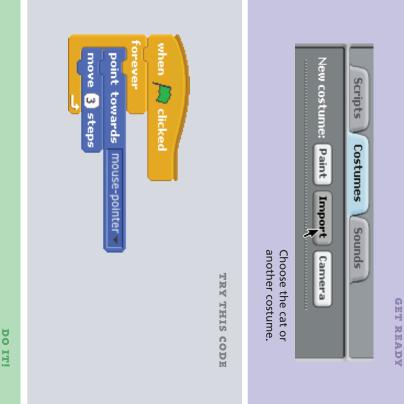




Follow the mouse pointer.

Bendin aut monde





Click the green flag to start.

SCRATCH

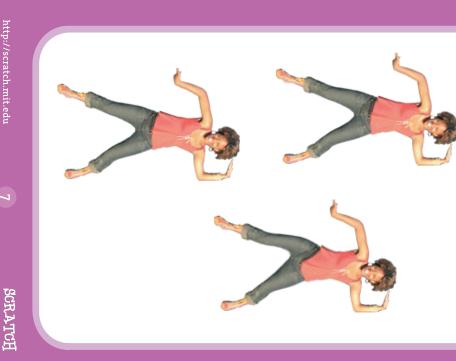
http://scratch.mit.edu



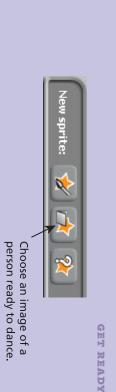




Play a sound clip and do a body twist.







New sound: Record Import Scripts (Costumes ) Sounds

Record or import a sound clip. Keep it short!

play sound dance sample 🕶 wait (0,25) secs when ww key pressed et whirl effect to 50 t whirl verfect to U (0,25) Choose whirl from the menu. TRY THIS CODE

Press the key to start.

DO IT!





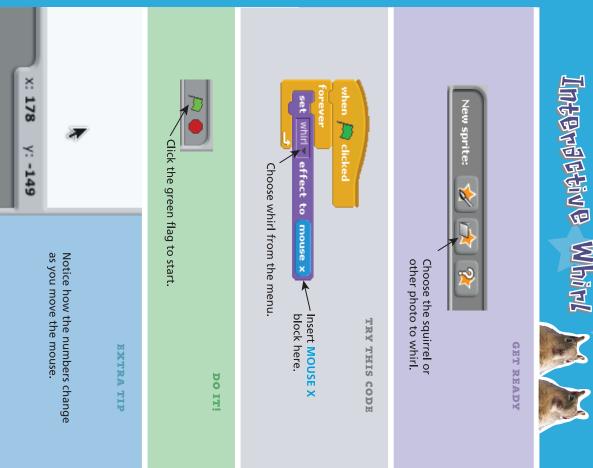


## Interestate White

Whirl a photo by moving the mouse.







Make A Card



SCRATCH





Make a simple animation.





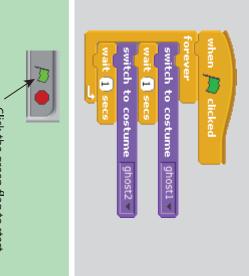
SCRATCH





GET READY

New costume: Paint Import Camera Scripts V Costumes V Sounds 180×140 ghost1 180×140 Edit Copy Edit Copy × Edit the new costume (in the paint editor) to make it look different. Copy a costume.



TRY THIS CODE

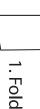
Click the green flag to start.

DO IT!



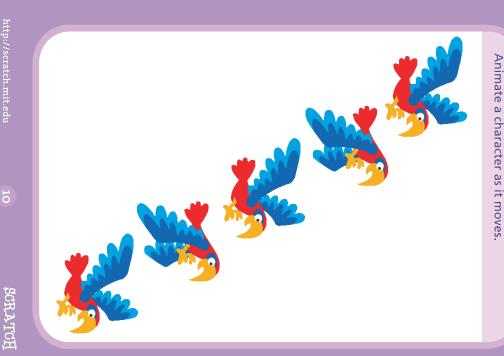




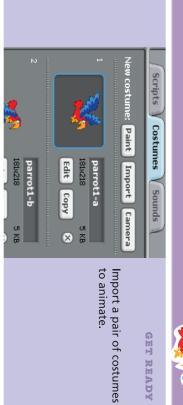




## Moving Animation



## Moving Animation











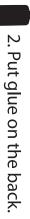
just flip left-right

Does your sprite look upside-down? its rotation style. You can change

**EXTRA TIP** 

Make A Card









Make your own button.



MOSSINE SEMINANIE



New sprite: GET READY

Choose "drum1" from the "Things" folder.

Scripts

You can change the name of your sprite.

TRY THIS CODE

your sprite's name. Find the block that includes

change color▼ effect by 25

change color▼ effect by -25 lay drum pick random 35 to 81 for 0.2 beats

Insert the PICK RANDOM block.

DO IT!

Click to see (and hear) what it does.

Make A Card

1. Fold the card in half.

2. Put glue on the back.





*y*o

Add a scoreboard to your game.





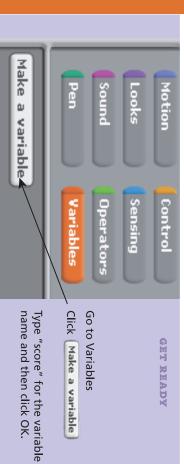


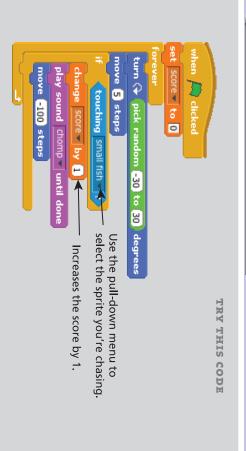
score 0



## Bades deal









DO IT!

Click the green flag to start.







