

Beginner Scratch Project

Making Scratch Cat Move

1. Drag a **move** block into the Scripts area.
2. Now click on that block to make the cat move.

Woah... you totally just wrote your first computer program!!

I think we can do a little more than that, though. Don't you?

Adding Sound

3. Drag out a **play drum** block (from **Sound**) and snap it onto the **move** block.
4. Click the **play drum** block and listen!

Have Music, Will Dance

5. Add another **move** block. Click inside the block and type in a minus sign.
6. Add another **play drum** block, then choose a drum from the pull down-menu.



Hint: your program should look something like this now.

7. Click any of the blocks to run the whole program.

Having fun yet?

Turn the card over to keep going!



Scratch Cat Wants to Boogie

Now that we have taught Scratch Cat a dance move, let's make the dance last a little longer!

8. Drag out a repeat block out of Control and drop it on top of the stack (you want the "mouth" of the repeat to wrap around the other blocks).



9. Click to run the program

Let Scratch Cat Say Something!

10. Click **Looks** and drag out a **Say** block.
11. Type in the **Say** block to change the words
12. Snap it on top of the stack and click the stack to run the program!

Tell Scratch Cat When To Start

13. Drag out a **when flag clicked** block and snap it on top.
14. Now your program will run whenever you click the green flag!

Make It Yours!

(ideas for extending your program)

- ? Without adding or removing any blocks how much can you change the program?
- ? Can you make Scratch Cat dance in a square?
- ? Scratch Cat is cool but can you figure out how to add a different character?

Keep Coding!

- </> Visit scratch.mit.edu for lots more examples and tutorials.
- </> Once you get the hang of Scratch, check out www.bizstreamacademy.com/resources for other ways to learn!