



# Block based programming Flappy bird



Hi, I'm Katie! One of the most exciting things about \_\_\_\_\_ is that a \_\_\_\_\_ can be interactive.

Any time somebody clicks or taps or types on a computer or phone, that generates an \_\_\_\_\_, and there's some \_\_\_\_\_ that decides what to do when an \_\_\_\_\_ occurs.

For example, you could have an EVENT-HANDLER that says "when the \_\_\_\_\_ is \_\_\_\_\_, play a \_\_\_\_\_"

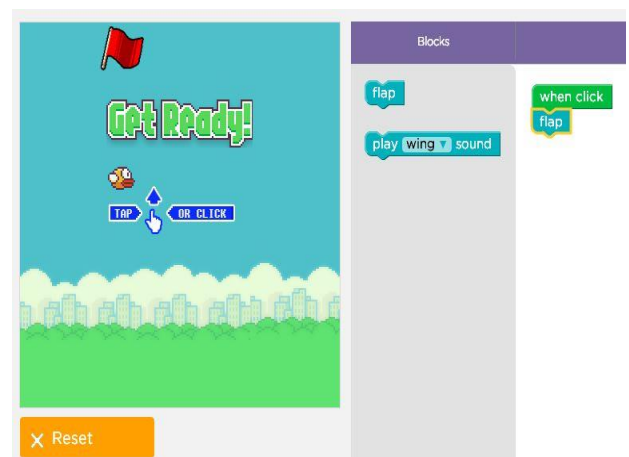


Have you ever heard of the game FlappyBird? By using \_\_\_\_\_, we're going to learn to program our own custom version of FlappyBird!

The \_\_\_\_\_ you'll \_\_\_\_\_ involves \_\_\_\_\_ and \_\_\_\_\_ that represent commands for the \_\_\_\_\_. Under the hood, each of these blocks is represented by real code.

If you take a look at the \_\_\_\_\_, there are some \_\_\_\_\_ that are \_\_\_\_\_ for you - these are " \_\_\_\_\_"

If you want the bird to \_\_\_\_\_ when





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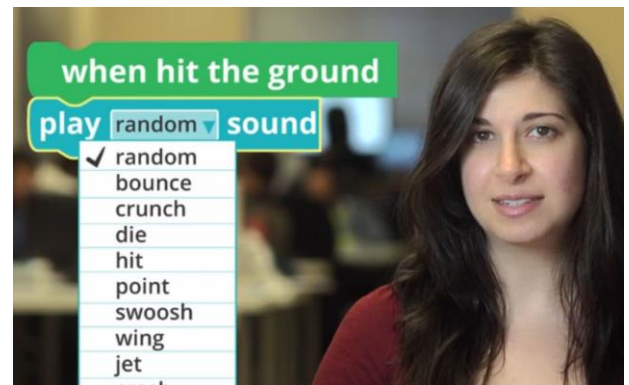


you \_\_\_\_\_ the mouse, you can do that by \_\_\_\_\_ the "FLAP" block to the appropriate \_\_\_\_\_, and now in your game whenever you click the mouse, the bird will flap.



In each \_\_\_\_\_ of this activity we'll introduce new types of events as green blocks on the workspace, and you can decide the appropriate blocks to add in response to those events.

When you see a \_\_\_\_\_ like this, that means you can change the settings - like what sound to play when flappy hits the ground.



In the \_\_\_\_\_ you'll be able to \_\_\_\_\_ your own game and \_\_\_\_\_ it with your friends.

Have fun!

