



SCRATCH

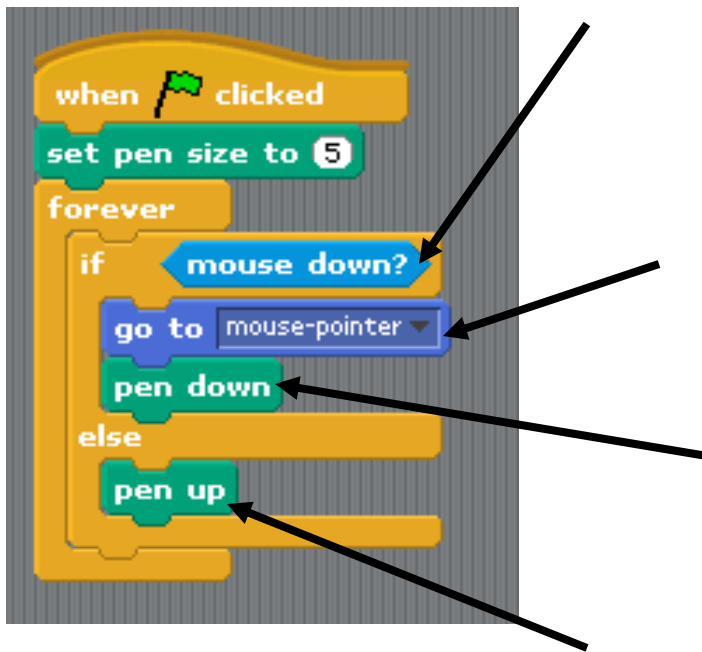
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Make your own PAINT program!

- Open a new file by clicking on the  button.
- Open up a new sprite by clicking on the  button.
- In the things folder double click on the Drawing Pencil



- The Drawing Pencil comes with a script. Try running it. What does it do?
- Describe what the piece does that each arrow points to. Write down why that piece important.

A Scratch script block with a grey background. The script starts with a yellow "when clicked" block. This is followed by a green "set pen size to 5" block. Then a yellow "forever" loop block. Inside the loop, there is a blue "if mouse down?" block. An arrow points from the right to the "mouse down?" block. Below the "if" block is a blue "go to mouse-pointer" block, with an arrow pointing from the right to it. Below that is a green "pen down" block, with an arrow pointing from the right to it. Below the "if" block is an "else" block containing a green "pen up" block, with an arrow pointing from the right to it.

Name _____

Make your own PAINT program! (Continued...)

- How can you change the color of the pen?

- How can you change the thickness of the line the pen draws?

- Challenge! Have the up and down arrows control the thickness of the pen.
- Challenge!! Have the left and right arrows control the color of the pen.