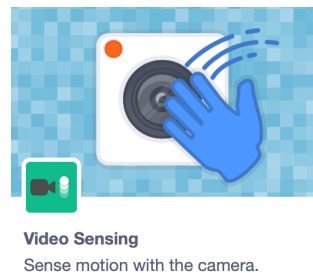


# Scratch Drum Kit

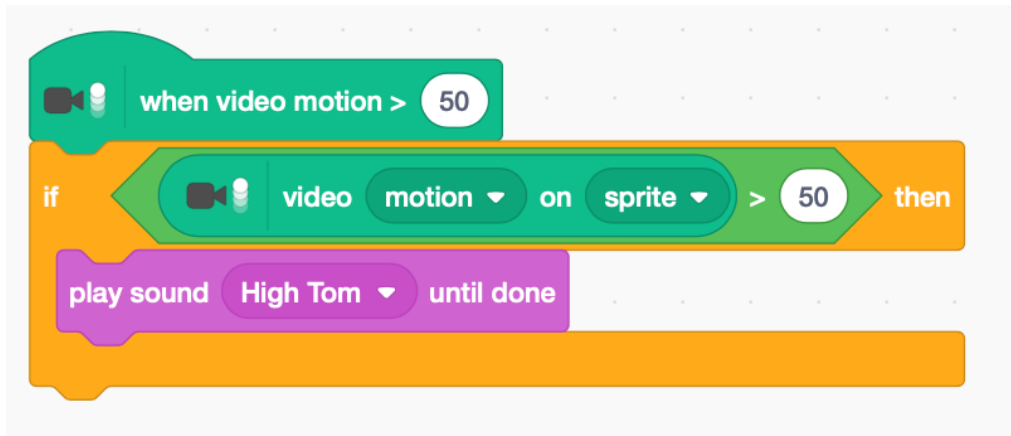
Register/login at <https://scratch.mit.edu>  
Remember to write down your password.

*Make a **drum kit** using the **Video Sensing** extension (you may need headphones).*

- 1) Click on the **Add Extension** button at the bottom left of the screen.
- 2) Select the **Video Sensing** extension. You may need to give Scratch permission to use the camera. New Video Sensing code blocks appear below the other code blocks.
- 3) Choose a sprite from '**Music**'. Select a **drum** (percussion instrument).
- 4) Look at the sounds for this sprite. Click on the Sounds tab and play them by pressing the play button. Choose your favourite.



*The camera will detect movement around a sprite, so you can play an instrument by virtually 'touching' it.*



- 5) Select the code tab and look at the new Video Sensing code blocks. Add **When video motion** to run your code whenever something moves on camera.
- 6) If the movement is on this sprite then play. Add an **if** block then add a **greater than '>'** test. Choose a high movement level (like 50) to make it more selective.
- 7) Add the new **video motion on sprite** sensor to the lefthand side of the '>'.  
8) Inside the **if** block, **play** your favourite instrument sound.

*Move the drum to one side of the screen and play!*

*Add another drum with a different sound. You can copy the code from the first drum using the **backpack** (click on the backpack to open it, then drag code into and out of it).*

*Remember to **Save** your code with a good name.*

**File > Save now**