

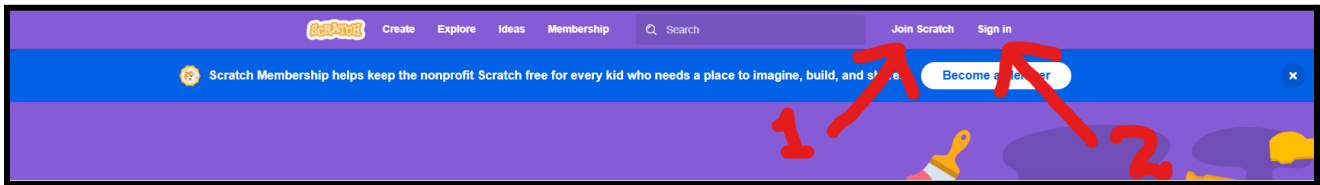
Activity 01: The Secret Coordinate Constellation!



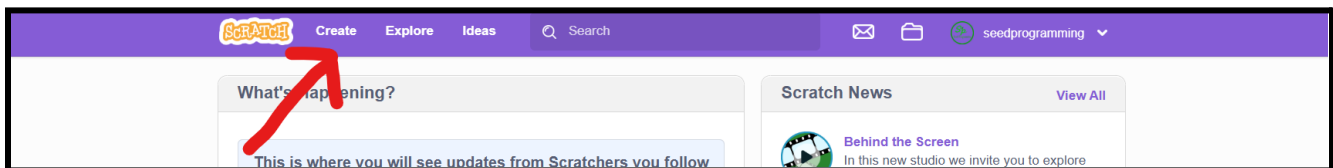
Task 1: Setting Up Your Canvas & Drawing a Triangle

Step 1: Make a scratch account and sign in to your account

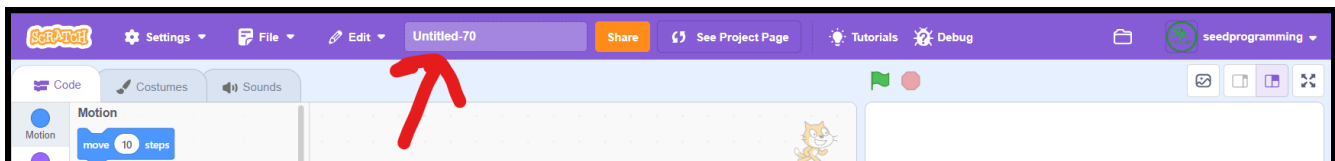
1. If you don't have an account, click Join Scratch to create a new one. [Video Link](#)
2. If you already have an account, click Sign In.



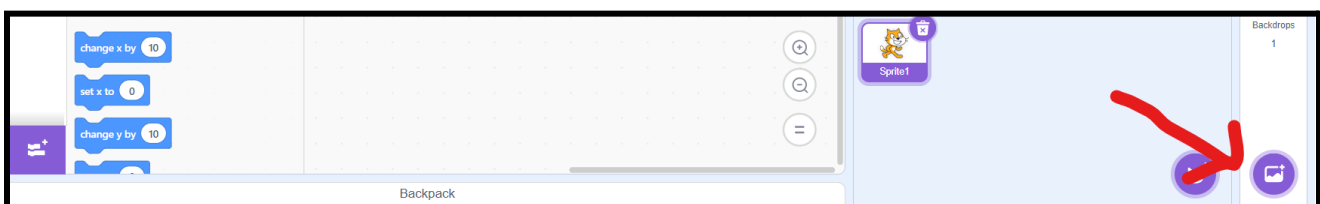
Step 2: Create a new project



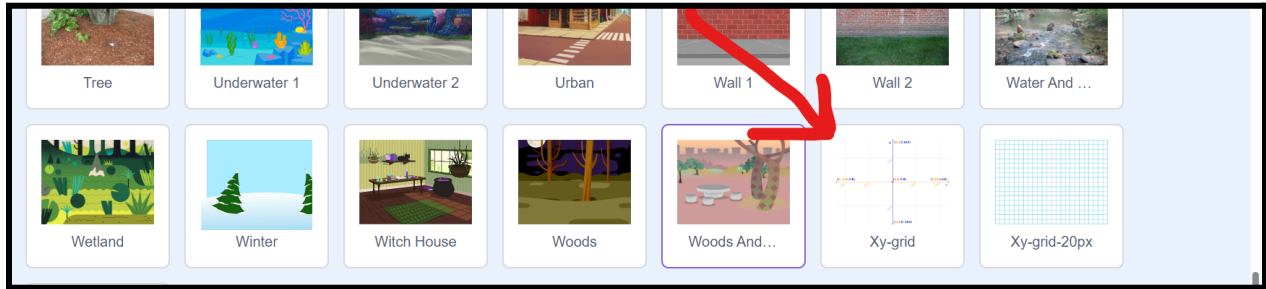
Step 3: Rename your Project



Step 4: Move your mouse to the bottom-right corner to the Choose a Backdrop icon.

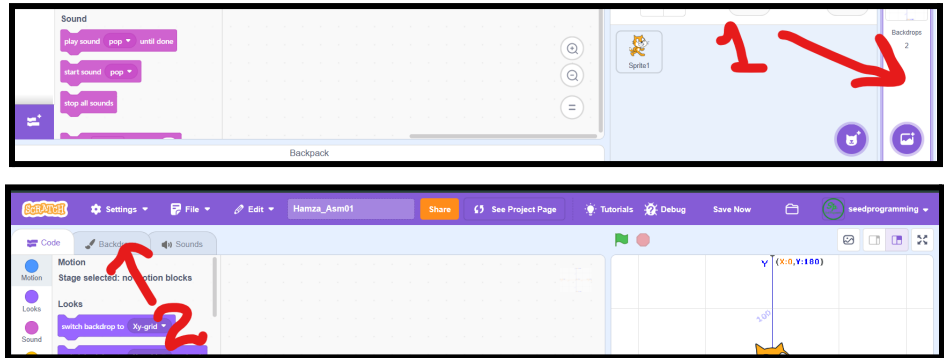


Step 5: Scroll to the bottom of the library and select the xy-grid backdrop.



Step 6: Go to backdrops edit option

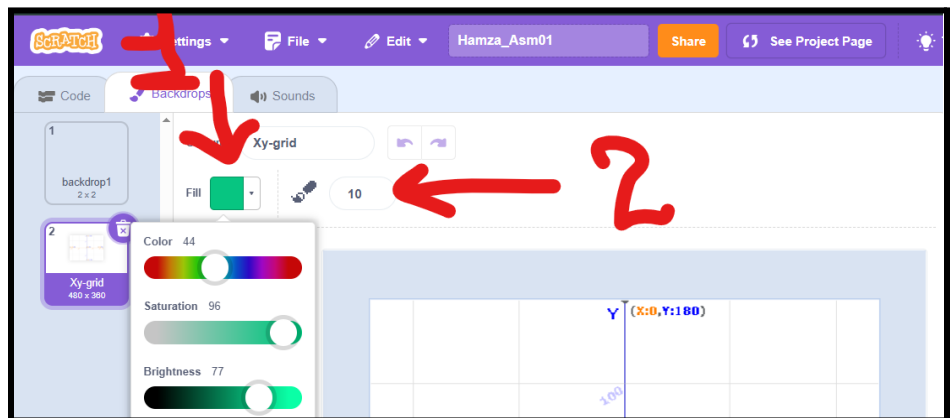
1. Select backdrop
2. Edit the backdrop



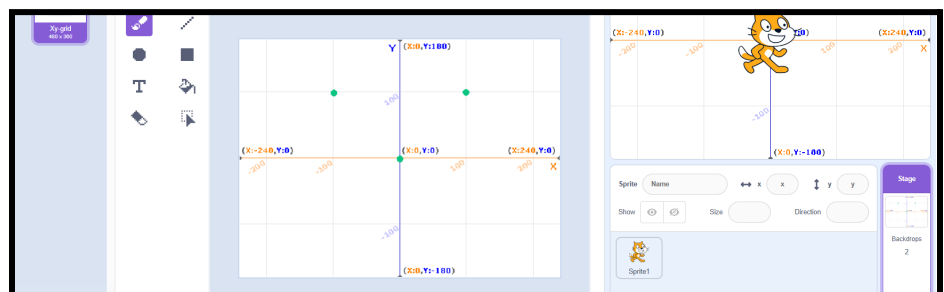
Step 7:
Select paintbrush tool



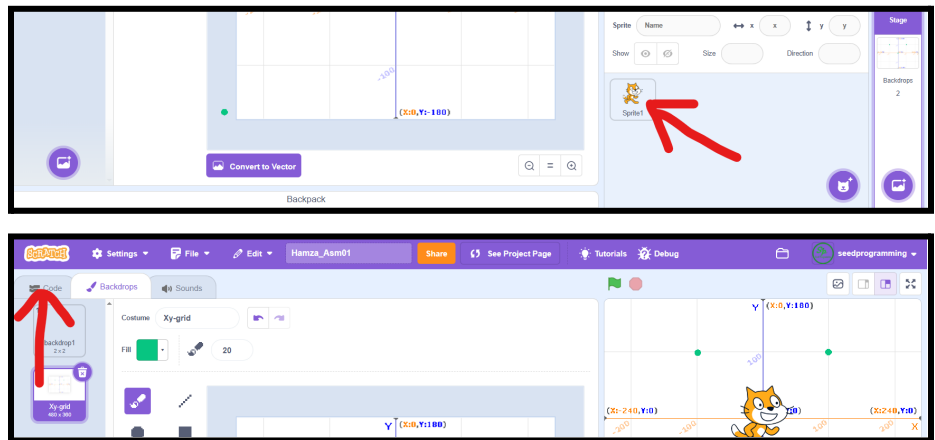
Step 8: Select the Paintbrush tool , (1) choose a bright color, and (2) adjust the brush thickness.



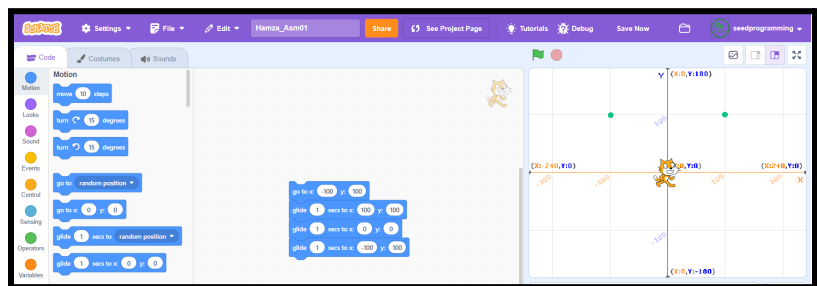
Step 9: Add dots in the required order for the shape required, for example here I have added dots for a triangle.



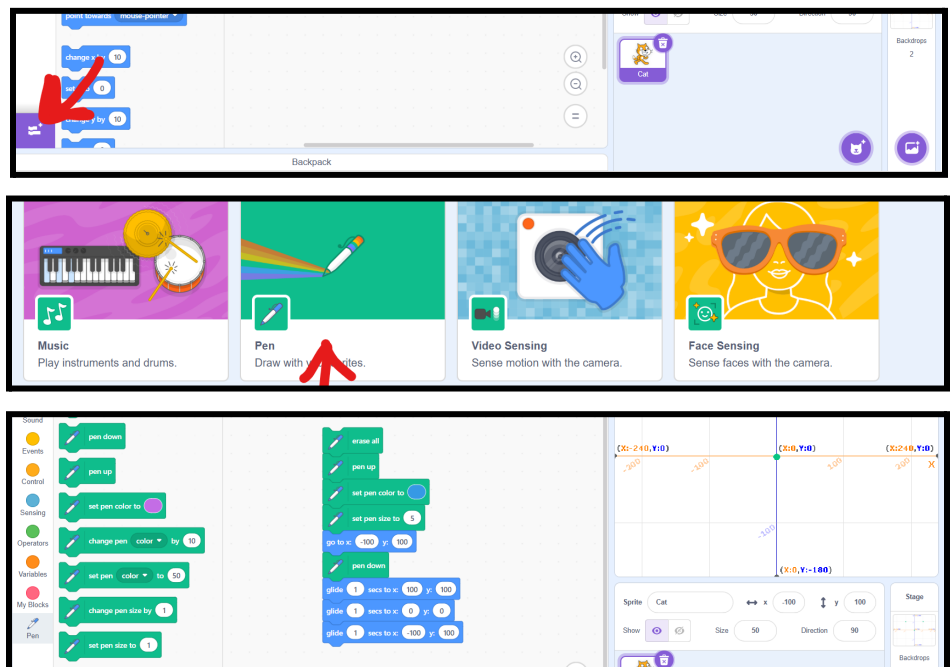
Step 10: Click back onto your Code tab and select your main Sprite (your Cat 🐱).



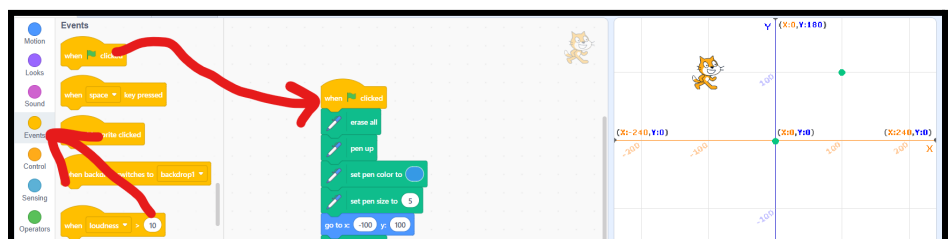
Step 11: Ask your cat to go to the starting point and then write your instructions to join the dots.



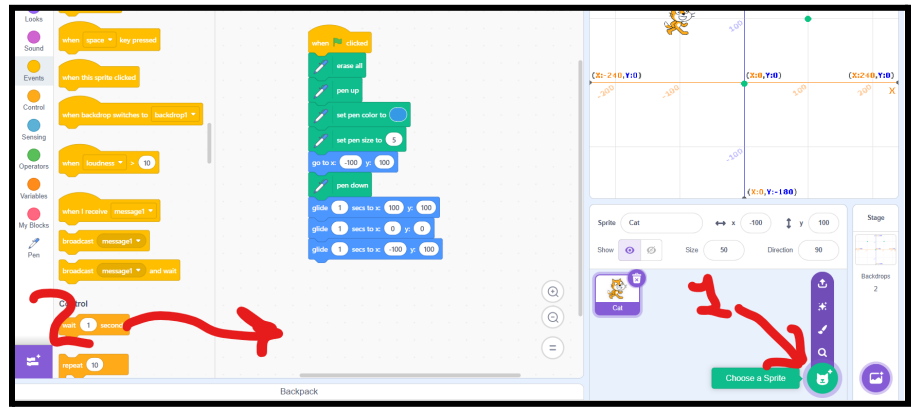
Step 12: Add the Pen Extension by clicking the the bottom-left corner of your screen and choosing "Pen"



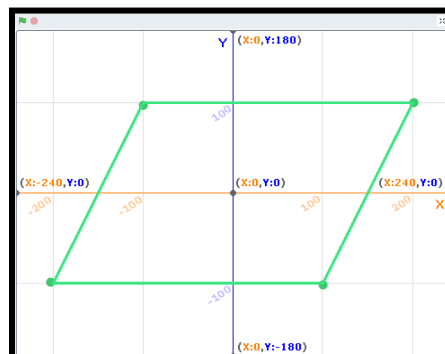
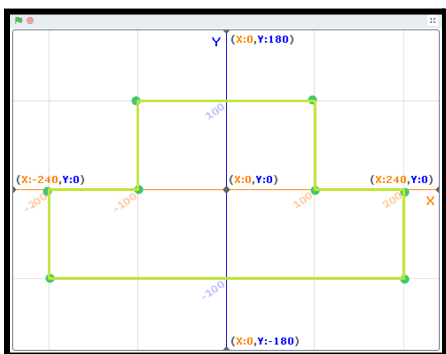
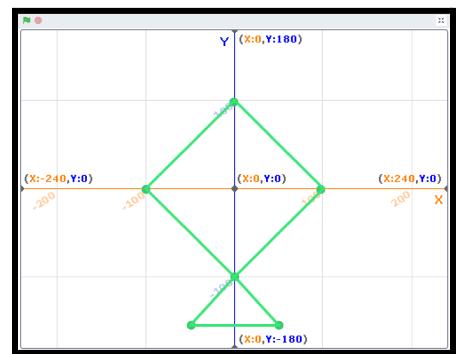
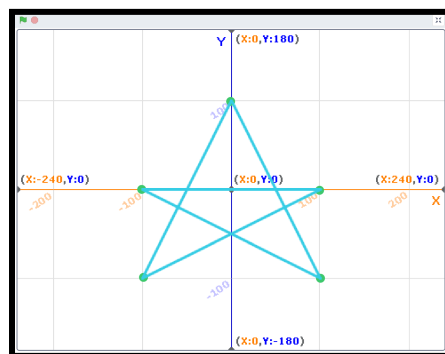
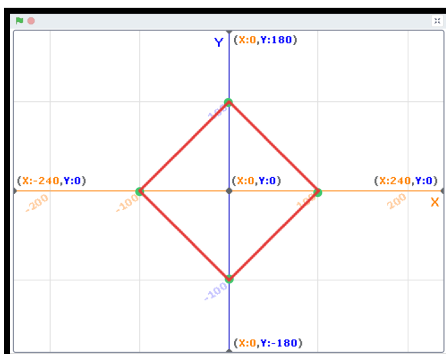
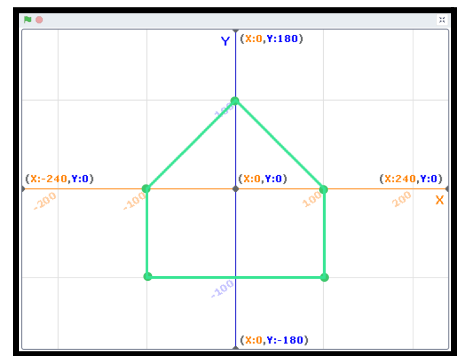
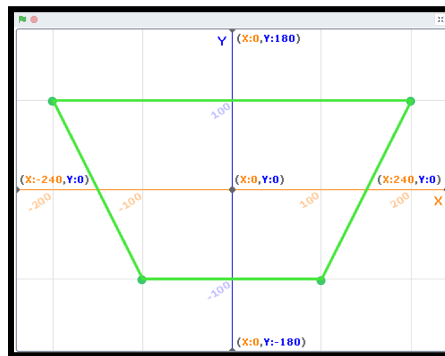
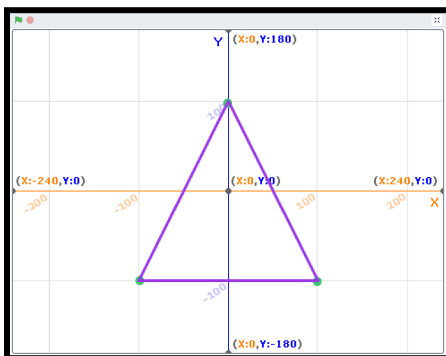
Step 13: Add when flag clicked instruction



Step 14: Add more sprites make new backdrops write new codes add wait instruction when needed and enjoy 😊



Home Activity: Make your sprites make the following shapes



You can also draw anything you like :)