

Independent Activity – 2 (DRAW)

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Choose based on your proficiency

Activity	Examples from previous batch
<p>Beginners Activity - Draw a very simple geometric figure, say a square. You can start from the code that we looked at in the class to draw a simple square and see if you can extend it in some ways.</p>	<p>https://scratch.mit.edu/projects/411992921 https://scratch.mit.edu/projects/400733073/ https://scratch.mit.edu/projects/389094811/ https://scratch.mit.edu/projects/389064772/ https://scratch.mit.edu/projects/389013821/</p>
<p>Intermediate Activity - Draw something creative, like a scenery. Try drawing curving objects, for example, a rainbow, self created background etc.</p>	<p>https://scratch.mit.edu/projects/412067062/ https://scratch.mit.edu/projects/400522066/ https://scratch.mit.edu/projects/400850323/ https://scratch.mit.edu/projects/386175869/ https://scratch.mit.edu/projects/397710840/ https://scratch.mit.edu/projects/398425782/</p>

Youtube video of our class: <https://youtu.be/XgHOtU8okjc>

Marking Criteria (Max Marks: 12)

Task	Mark Given
A complete drawing done	2
At least 2 different colors	2
At least 2 different pen sizes	2
Does the same shape get drawn, with no extra lines etc, every time I click the 'FLAG'?	2
Sprite is visible during the drawing but hidden afterwards	2
BONUS: An elaborate drawing(e.g. different shapes like square, rectangle, triangle and/or circle/spiral etc)	2
PENALTY: Late Submission (Per Day)	-1

Common problems

Problem	Remedy
Sprite moves around but does not draw.	Did you use the 'PEN DOWN' Block?
After finishing one drawing, Sprite draws an extra line when I re-start the code.	This is because Sprite still had its 'PEN DOWN'. It is a good practice to use 'PEN UP' in the beginning.
Sprite does not HIDE after the drawing is complete	Use 'HIDE' in the 'LOOKS' section to hide the sprite after the code. Remember, however, that you will have to again 'SHOW' if you want the sprite to show up
Sprite seems to be doing different things every time I click the 'FLAG'	Please reset everything at the start of the code, e.g. direction, show/hide, pen up/down etc.

Enjoy!

- * Remember to submit your project in time!