

Independent Activity - 6

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Prepare a Paint-box activity!

Activity

Beginners Activity – Create a simple PAINT BOX activity. Start with the CLASS Notes. Look at the Marking Criterion and add more features than the class notes.

For advanced users (also to get BONUS points), try using advanced features like an ERASE sprite etc, Stamping, Colour effects etc.

Take a look at the examples to get ideas.

Enjoy 😊

Examples

<https://scratch.mit.edu/projects/406008141/>
<https://scratch.mit.edu/projects/405685895/>
<https://scratch.mit.edu/projects/405937811/>

<https://scratch.mit.edu/projects/405620620/>

Youtube video that might help: <https://www.youtube.com/watch?v=9J44i3Xh2HQ>

Marking Criterion (Max Marks: 12)

Task	Marks Given
Drawing Sprite's costume is offset from the Centre for drawing.	2
Sprite follows the mouse and draws when mouse is clicked.	2
Sliders provided to control PEN WIDTH, COLOUR (1 mark each)	2
STAGE must be cleared when the flag is clicked	2
An ERASE ALL button or some similar mechanism to erase (e.g an eraser sprite)	2
BONUS: Some advanced feature, like, choosing colors by clicking buttons, using an ERASER sprite, Stamp mode, choosing a different sprite or costume for STAMP mode etc.	2
PENALTY: Late Submission (Per Day)	-1
PENALTY: Project not shared on SCRATCH	-1

Common Problems

Problem	Remedy
Even though I click the mouse, SPRITE does not DRAW	Mostly this happens if the sprite is 'BIG' with an unclear tip. Try using either a very small sprite or a sprite with a sharp tip like a pencil. (See class notes, slide 14).

Enjoy!

- * Remember to submit your project in time!