

Independent Activity - 5

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MAZE GAME

Activity	Examples
Beginners Activity – Create a simple MAZE like arena in the background. Navigate the sprite around it using mouse. Touching obstacles would result in game getting over. (Use the code that we showed in the class)	https://scratch.mit.edu/projects/24134162/ https://scratch.mit.edu/projects/350758274/
Intermediate Activity -In addition to the beginner level, Add more controls and effects. For example, you can add a SCORE. You can also add a time limit. (This will require using variables which we will formally learn later, but can be picked up easily on your own too.)*	https://scratch.mit.edu/projects/397389854/ https://scratch.mit.edu/projects/405020207/ https://scratch.mit.edu/projects/404747288/ https://scratch.mit.edu/projects/405094740/

*This will need variables that we will learn in the upcoming classes.

Youtube video of our class: <https://youtu.be/5VpmcRCzqfY>

Marking Criterion (Max Marks: 12)

Task	Marks Given
A maze track created on the background	2
Sprite moves according to mouse pointer/Some key (e.g. arrow)	2
Game stops if the sprite touches the maze	2
When the game stops, the sprite takes on a new costume	2
Celebration (dialog/costume change/ music) when the maze is completed	2
BONUS: Obstacles, eg. Parts where the sprite suddenly speeds up , moving sprites that should not be touched, lives /score etc	2
PENALTY: Late Submission (Per Day)	-1
PENALTY: Not Shared on the SCRATCH platform	-1

Common Problems

Problem	Remedy
My sprite touches the maze but doesn't take the correct action	Mostly this happens when there is a small difference in colour. Use the dropper tool as in class notes.

Enjoy!

- * Remember to submit your project in time!