

Independent Activity - 8

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Prepare a 'SPOT THE HERO' game!

Activity	Examples
<p>Create a SPOT THE HERO game.</p> <p>For beginners, start from the class notes and build a game similar to the GIGA NANO PICO game that we made. Use this chance to clearly understand the uses of BROADCAST.</p> <p>For advanced users (also to get BONUS points), try adding more challenges to the game, see marking criterion.</p> <p>Take a look at the examples to get ideas.</p> <p>Enjoy 😊</p>	<p>https://scratch.mit.edu/projects/407853423/ https://scratch.mit.edu/projects/407664215/ https://scratch.mit.edu/projects/407344748/ https://scratch.mit.edu/projects/407344053/</p> <p>https://scratch.mit.edu/projects/416193573 https://scratch.mit.edu/projects/416023007/ https://scratch.mit.edu/projects/415992781</p> <p>CLASS PROJECT</p> <p>https://scratch.mit.edu/projects/406592243/</p>

Marking Criterion (Max Marks: 12)

Task	Marks Given
At least three sprites in the spot the hero game	2
ALL the sprites take a random position when the 'HERO' is clicked.	2
If HERO is not clicked, sprites take a random position after a TIMEOUT	2
All three sprites contribute to the score, HERO gets positive score, other sprites get a negative score (See class notes/sample project)	2
Game lasts for a certain duration and once the time is over, the game Totally stops and all sprites HIDE	2
BONUS: You can add more features to this game by introducing different costumes for the sprites, which also change the behavior of the sprites. Also, you can change the size of sprites every time they appear and so on. You can make timeout small as the game progresses.	2
PENALTY: Late Submission (Per Day)	-1
PENALTY: Project not shared on SCRATCH	-1

Common Problems

Problem	Remedy
My BROADCAST message is not getting received	Make sure the name of the message is correct. Also, keep track of where all the messages are coming from. Remember, for broadcast to work, we need both statements: 'Broadcast' and 'When I receive'.
My score incrementing does not work correctly	This is often because a single mouse click sometimes gets registered as multiple clicks. Add a small WAIT (See class notes).

Enjoy!

- * Remember to submit your project in time!