



COMPUTING: PROGRAMMING- Selection in Quizzes

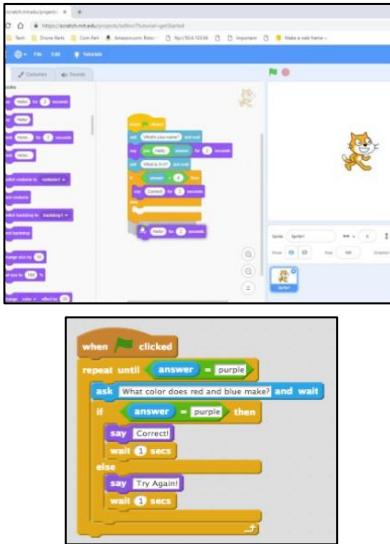
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KNOWLEDGE ORGANISER



Sticky Knowledge

Quizzes in Scratch

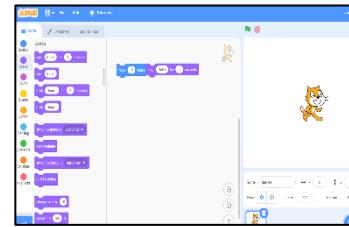


- Identify the condition and outcomes in an 'if... then... else...' statement
- Show that a condition can direct program flow in one of two ways
- Identify the outcome of user input in an algorithm.

The Basics of Scratch

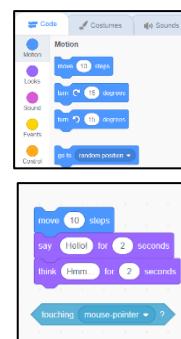
-What is Scratch? Scratch is a website/ app that lets us code our own quizzes, stories, games and animations.

-Scratch helps us to learn how to use programming language, whilst also being creative and using problem-solving skills.



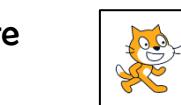
There are three main areas in Scratch:

-The Blocks Palette (on the left) contain all of the different blocks: puzzle piece commands which control the animation.



-Code Area (in the middle) is where the blocks are placed to create a program.

-Stage with Sprite (right) is where the output of the program is presented. The sprite is the character.



Attributes: There are three attributes of the sprite which we can change to make our animation: Code, Costumes, Sounds.

-Event Blocks:

Event blocks are coloured yellow and are used to sense different events that happen e.g., the green flag being clicked.



-Action Blocks: Action blocks include 'Motion' blocks, 'Sound' blocks and 'Looks' blocks. They make the sprite move, make sounds and change appearance.



Selection Condition True False Count-Controlled Loop Outcomes Conditional Statement