

IT'S THE REMIX

(Developed by Mouse)

GOAL(S)

- “Play and remix a simple arcade style game in a visual block coding platform to transform it into a new variation.
- Practice modifying games, and increase visual block coding expertise

SET-UP

- 5-6 Laptops and power cords
- Internet Access
- Open a browser window to www.bit.ly/mouseghostblast
- Turn off computer sound
- www.bit.ly/pancaker (optional)

TOTAL TIME OF ACTIVITY: 35 Minutes

MAIN ACTIVITY

- Play Ghost Blast (5 min.)
 - Facilitator guides students to Scratch game “Ghost Blast” (<http://bit.ly/mouseghostblast>) and allocates five minutes to playing the game. If there aren’t enough computers, instruct students to rotate playing rather than huddling up on one computer.
 - Click “See Inside” to see the code behind the game
 - Facilitator shows students the different sprites in the lower left-hand corner
 - Facilitator shows students the costume tab for each sprite and guides them to the costume editor and to the button to select sprites from the sprite library.
- Remix main character (30 min.)
 - The facilitator guides students to the sprite called “goodguy” and directs students to change the costume to either a new image from the scratch image library, a user created image using the costume editor, or an image downloaded from a Google image search. Those who use a google image search will need to use the eraser tool to cut out any whitespace or edges from their images.
 - Resize main character:
 - Test student games to see how the size of the new “goodguy” sprite measures up and adjust the size of it accordingly. The facilitator can point out the “grow” and “shrink” tools in Scratch.
 - Students repeat steps 1 and 2 for the two “badguy” sprites, creating new costumes and playtesting the different new enemies.
 - Students remix the backdrop, countdown sprites, title sprite, play button and more (i.e. changing every visual element of the game) until the game is totally transformed.
 - Students can log in with their own Scratch account or create a new Scratch account to save the game.
 - Pancaker (for younger students): For younger students who may be having trouble with this game try remixing the pancake sprite and background for Pancaker (www.bit.ly/pancaker) instead.

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