



Prize Winner

Programming, Apps & Robotics Year 3 - 4

Andrew Stevenson

Highgate School



score

13

Nebula star-forming region

game state

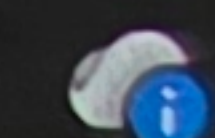
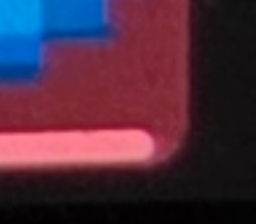
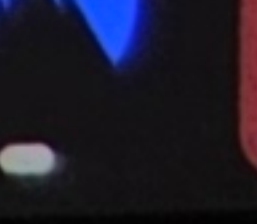
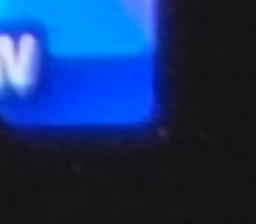
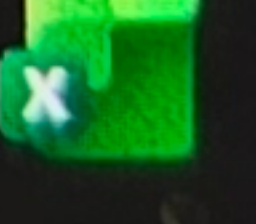
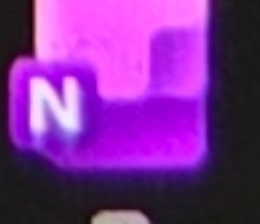
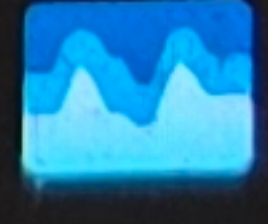
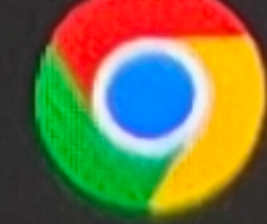
playing



PLAY

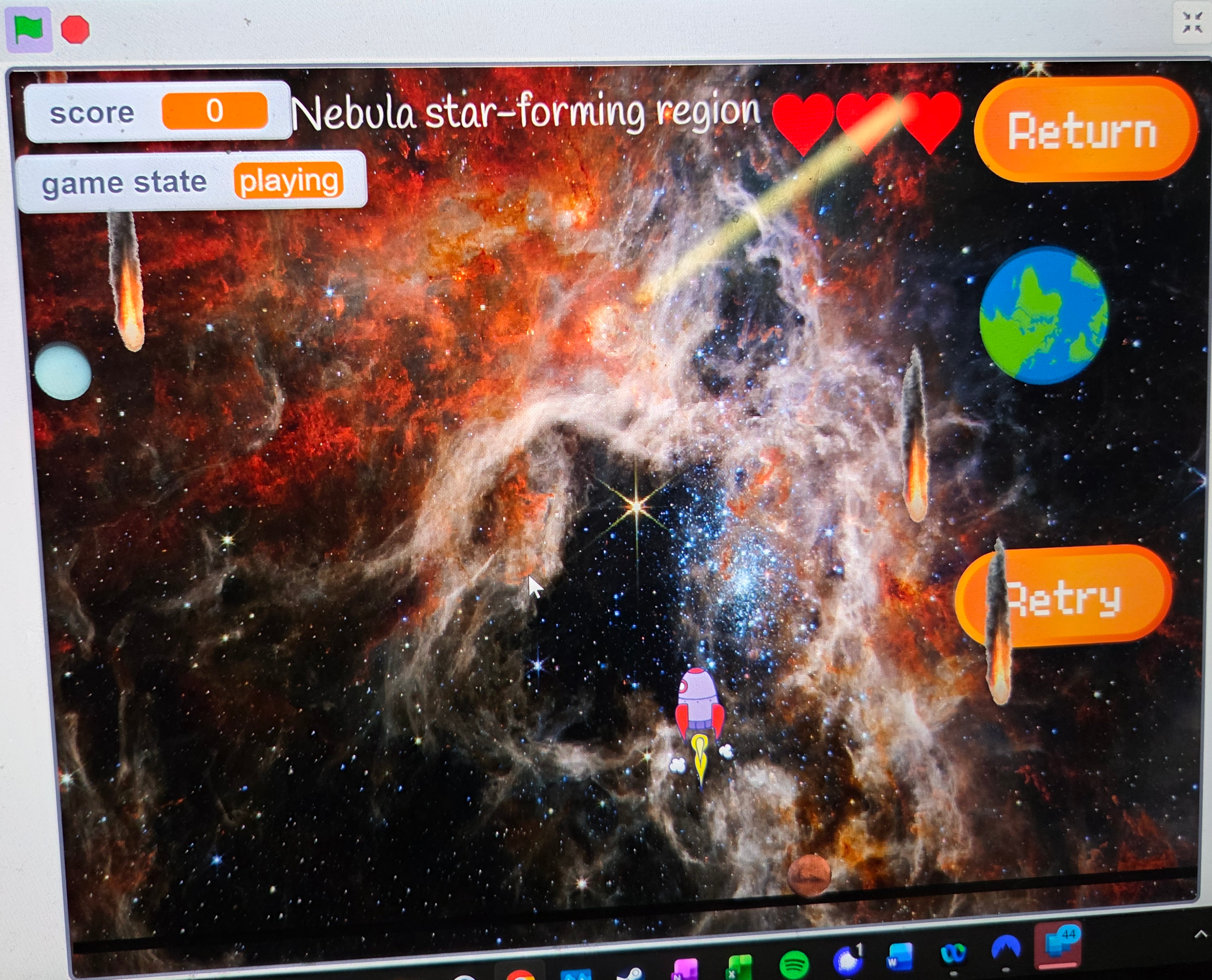
QUIZ

HELP



ENG
US

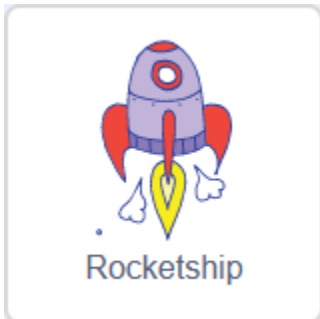




ROCKET QUEST

The purpose of this game is to engage younger students with the topic of space. This educational game will provide information on stars and planets, which are celestial bodies.

The player navigates a rocket ship and needs to dodge obstacles in their way:



When the player reaches a planet or a star, he gains a point and a fact about the planet is displayed.

When the player hits an obstacle, such as space debris or meteorites, they lose one life out of three.

Backgrounds throughout the game are from the NASA website (<https://science.nasa.gov/>) and were selected to show the player how beautiful is the Universe so they engage even more and want to find out more.

The QUIZ checks the player's knowledge on the topic of space, in line with the facts presented throughout the game.

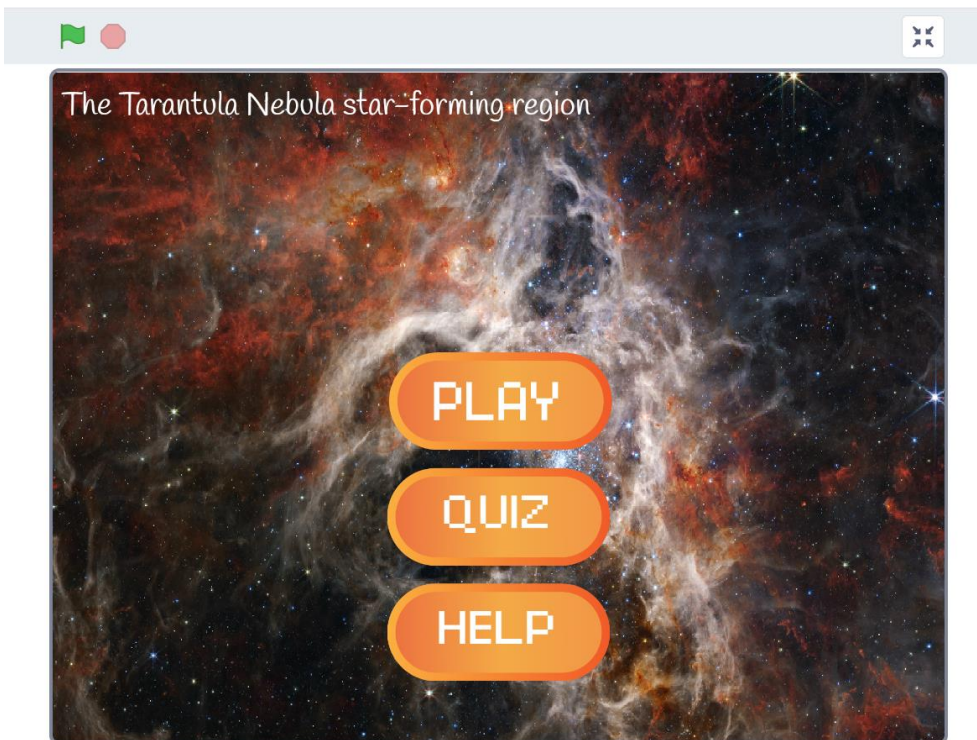


Image 1. Starting page

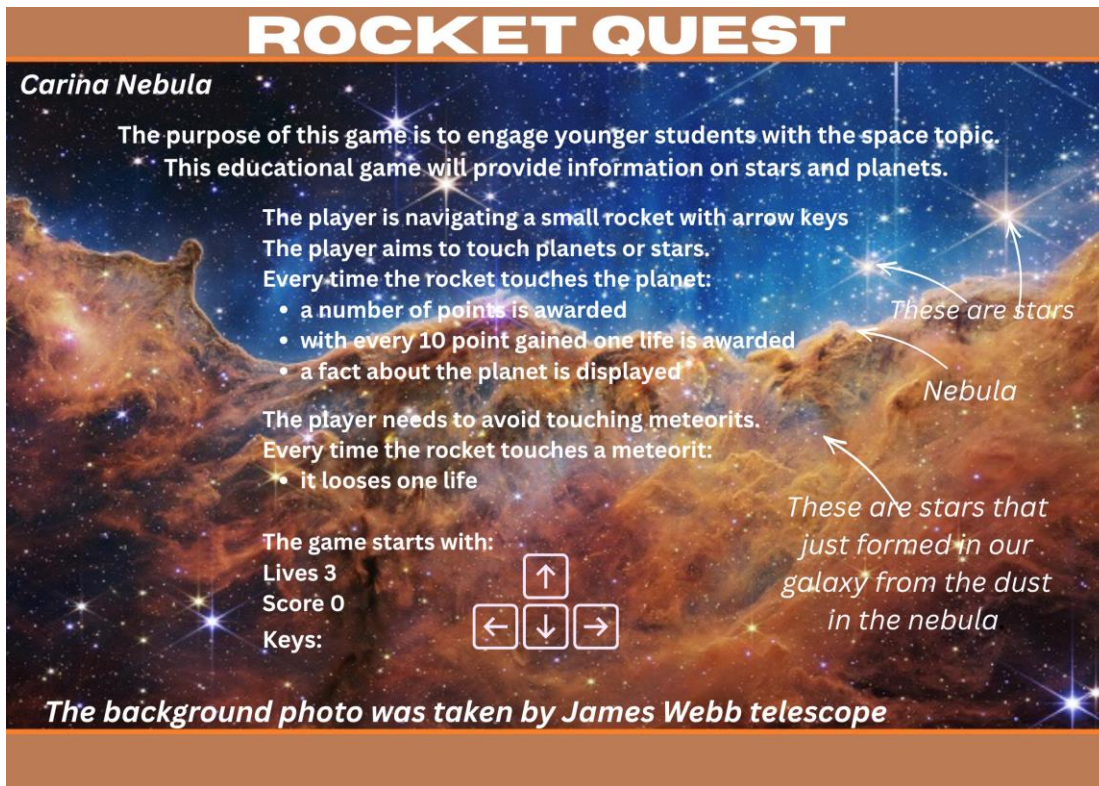


Image 2 This page will display when a player select: HELP

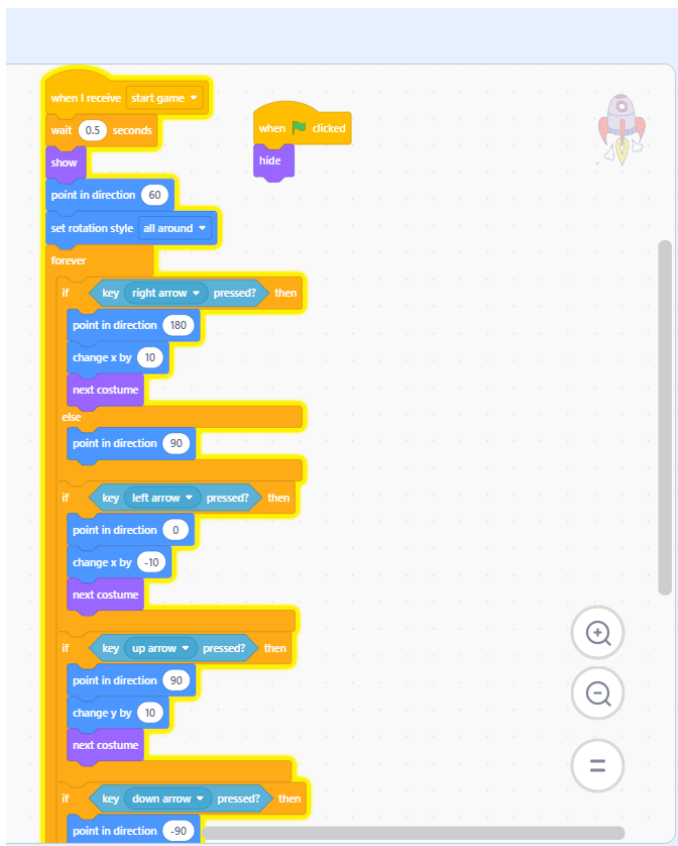


Image 3 Code for the Rocket to move

Game link: [Space Quest 2 on Scratch](#)

The full game will be completed over the next two weeks and ready for the presentation.