




# Coding Challenges

Challenge	Instructions	Completed
Movement	Make your sprite move across the screen. When it hits the walls, it must bounce off and keep moving.	<input type="checkbox"/>
Costume change	Make your sprite(s) change costumes.	<input type="checkbox"/>
Sound	Build a program where when different buttons are pushed, different sounds are heard.	<input type="checkbox"/>
Animation	Write a program where you write and animate your name	<input type="checkbox"/>
Levels	Write a program where you can switch backgrounds by pressing a key.	<input type="checkbox"/>
Dialogue	Write a program where a sprite can talk	<input type="checkbox"/>
Movement	Create a program where the sprite is moved by the arrow keys	<input type="checkbox"/>
Scoring	Create a program that keeps score as you collect points	<input type="checkbox"/>
Movement	Write a program where one object follows the mouse without being controlled by the user	<input type="checkbox"/>
Animation	Animate a sprite to change colours, and effects	<input type="checkbox"/>
Games	Create a maze game. Once the sprite touches the side, it goes back to the beginning of the maze	<input type="checkbox"/>
Interactive Storytelling	Write a program that tells an interactive story	<input type="checkbox"/>

Art	Create a program that allows you to create art using the functions built into scratch	
Games	Write a program that is an interactive greeting card	
Games	Build a sports game where two players can play against each other.	
Game	Build a platform game where you must jump up platforms to complete different levels	