



Team:

Names:

### **Scratch Science Expedition Video Game Brainstorm Guide – Worksheet 1**

**INSTRUCTIONS:** You are going to watch the story of a real-world scientific expedition and build a video game to teach others about it. Use the questions below to carefully plan the main character, goal, enemies/obstacles, the map and background setting.

#### **I. Research:**

1. What are the scientists trying to do?
2. Why does this mission matter? Why is it important?
3. Where does the science expedition take place? What is it like there?

#### **II. Main character:**

1. Who will be the main character of your game?
2. List as many details as you can about what this character looks like.



### **III. Goal:**

1. What is your character trying to do (in the game and in the expedition)?
  
2. Adapt the instructions you give a new player at the beginning of the game to help them understand what they need to do to win.

### **IV. Enemies/Obstacles:**

1. What stands in the way of your character making it to the goal (in the game and in the expedition)?
  
2. List as many details as you can about what your enemy/obstacle looks like.

### **V. Map and background:**

1. Where does your game take place? List as many details about the setting as you can.
  
2. What can be seen in the background of your setting? Connect this detail to the scientific expedition.