Living Space Action Project Outline

Name:_____

Let's Talk Science, Cancode and CSA (Canadian Space Agency) partnered up to bring us our Living Space Action Project.

- **Remember that the link the the project can be found on our science google classroom under class work.**

You are expected to create a google slides presentation that will sum up the work we completed over the course of the project.

The answers to the questions must be completed in well written sentences and paragraphs. Think about organization, grammar, punctuation, etc.

Your google slides presentation must include;

Introduction Slides

-Title of the project and your name

- Overview : A short paragraph about what this project involved and who funded it.

Part 1 Creating a Heartbeat

- A picture of your program you created to represent a heart beat.
- "How would a heartbeat connect to astronauts on the ISS?"
- Describe how your program works.

Part 2 - Creating a Step Counter

- Why is exercise so important for astronauts living on the ISS?
- How would a step counter be a very useful tool for astronauts to have on the ISS?
- A picture of your step counter program.
- Describe how your program works. What happened when it would shake? What would happen when you hit button A? Button B? Button A+ B?

Part 3 - Carbon Dioxide, Temperature and Levels on Humidity

- What happens to the human body when levels of carbon dioxide get too high? Too low?
- What happens to the human body when the temperature gets too high? Too low?
- What happens to the human body when levels of humidity get too high? Too low?
- Why is it important that the ISS closely monitors the temperature, levels of CO_2 and levels of humidity?
- A picture of your program that senses the conditions of our classroom.
- Describe how your program works. What happened when it would shake? What would happen when you hit button A? Button B? Button A+ B?

Part 4 Analyzing the Results

- In a table, show the data we collected about the temperature, levels of CO_2 and humidity in our classroom.
- In a table, show the data we collected about the temperature, levels of CO_2 and humidity on the ISS.
- Show this data is graph form.
- How do the levels of CO_2 on the ISS compared to that in our classroom?
- How do the temperature on the ISS compared to that in our classroom?

Part 5 - Summary

- Did you enjoy this project? Why or whynot?
- What was your favorite part?
- What was your least favorite part?
- Come up with 5 questions that you would like to ask David Saint Jacque, if given the opportunity.