**Solo Brainstorming Session:**

So that you come prepared to contribute ideas to your group, we are going to spend time brainstorming ideas on our own to pitch to the group. You job is to come up with two project proposals. They must follow these guidelines.

* One must be inspired by a Vernier lab that is published online. Find a probe that you are interested in and research what labs use that probe. Then see if you can brainstorm something to study related to that lab. Can you apply it to solve a problem or answer a question?
* One must be inspired by a current article on a development in science. This must be from a reputable source.

Use this sheet to help guide your thinking.

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| **Vernier lab based project** | |
| Title of the Vernier Lab |  |
| Describe what the lab is getting students to measure or understand. What is the goal of the lab as written? |  |
| How do you intend to modify the lab to solve a problem that has “social importance”? |  |

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| **Science article based project** | |
| What was the log topic? |  |
| What would be your research question? What is the “social importance” of it? |  |
| What probe(s) would this project use? |  |
| What science would you need to investigate to make this project work? Make a list of ideas that would need to be researched. |  |