Pico Project Video

**Video Questions – part 1:**

1. Who first contacted Prof. Paulo Fialho and when?
2. What was Drs. Mazzoleni’s relationship with Richard?
3. Where are other atmospheric stations located? Why are the stations on Pico and Mauna Loa unique?
4. When did the equipment arrive and how did it get to the top of the mountain?
5. In what year was the station installed?
6. Based on what you see in the video, why doesn’t the team gather data in the winter?
7. Do scientists really use the scientific method?
8. What are the steps to get work published? How long does this take?
9. Do all scientists understand everything? Do they ever have other scientists work on their projects? Why or why not?
10. How important is collaboration? Explain.

**Video Questions – part 2:**

1. How did the following team members get involved in the Pico Project and what is their role:

|  |  |  |
| --- | --- | --- |
| **Scientist** | **How they got involved** | **Role in the project** |
| **Bo Zhang** |  |  |
| **Lynn Mazzoleni** |  |  |
| **Claudio Mazzoleni** |  |  |
| **Katja Dzepina** |  |  |
| **Kendra Wright** |  |  |

1. What are some of the roles other scientists have in the current project?
2. What do scientists gain from collaboration?

Think:

1. How did what you completed this unit relate to what actual scientists do?
2. Do you think it would be helpful to share ideas while doing experiments in class? Why or why not?