

Classroom science and math exercises

Video from the flights and mission descriptions will be combined with data sets into “**mission modules**” that can be used to create a realistic replication of a Perlan mission. The class can then use the data for exercises in analysis. The mission modules can be re-used an unlimited number of times in classrooms around the world.

The goal is to bring real **science into the classroom in realistic and dynamic format:**

- The Perlan educational website will be a source of downloadable mission videos, explanations of scientific experiments and scientific data. This material will be accessible to teachers and classrooms anyplace there is an internet connection.
- The material will be organized into discrete data sets and mission profiles arranged as complete lesson modules
- The Perlan educational site will provide links to reference materials for teachers on weather, the Polar Vortex, climate change, the ozone hole, atmospheric physics, aerodynamics, pilot physiology and other topics for classes on science, meteorology and mathematics.

