

## Data Integration Assignment

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**My Data Nasa** - <https://mynasadata.larc.nasa.gov/basic-page/mnd-teacher-tools>

This website has a plethora of Nasa data sources embedded in. This website uses data to show authentic information about the Earth's spheres. It has information, maps, data, STEM career connections, GLOBE connections and featured phenomenon. I like using this kind of data because it teaches students why we learn about science. Students get more involved and understand the connection and impact science makes in the world and how it relevant and relates to their life.

The data can be used to create interdisciplinary lessons and activities in many ways. You can facilitate discussions with the phenomenon and this website helps you identify it. You can integrate data literacy by identify relationships between variables, describing patterns or cycles, assess the data values as used in math. You can use it to practice vocabulary. This website also links to articles that students must use reading and comprehension to get information on data. For example, I use *The California Weather Blog* on <http://weatherwest.com/archives/6476> to talk about early season rainfall and how it helps wildfire conditions with data information on the blog. Students can either summarize for understanding or go deeper with understand correlation with why this is happening and cause and effect.