

## TIPS FOR TEACHING SCIENCE WITH ACTIVITIES AND VIDEOS

### Basics:

There is a [teacher lesson plan](#) for each lesson that includes objectives, standards (Next Generation, as per Washington State adoption) and direct instruction. I [e-mail these to myself](#) before a lesson [so that I can utilize the links directly from the document.](#)

These tips are meant to be helpful for teachers who are teaching the GED science strands. The lessons are by no means comprehensive, but meant to be a selection of topics under each major science category. There are 22 lessons, two per week during a quarter. These are NOT self study lessons, rather they are to be taught to a group of students pursuing their GED and need science knowledge. This is an opportunity to model science vocabulary and concepts, as well as science experiences. Even people who have science degrees will sometimes get questions that need to be researched. It's great modeling to tell students you don't know the answer to their questions, but will find out for them.

- There are commercials preceding some of the videos. You can mute them or skip when given the option.
- It is encouraged that you look at all of the videos ahead of time. You know your audience. Some topics are controversial, and although I wouldn't necessarily avoid a topic because of this, I would proceed with caution.
- Feel free to modify, edit or otherwise alter these lessons for your purposes.
- You will see a theme for the changing planet: climate change, endangered species, limited resources
- Please e-mail me at [carole.parks@scc.spokane.edu](mailto:carole.parks@scc.spokane.edu) if you find a dead link. Thanks so much.

Here are the Lessons as of 1/1/2013

General Science	Life Science	Chemical Science	Physical Science	Earth Science
Observation	The Cell	States of Matter	States of Matter	Plate Tectonics
Bottled Water	Strawberry DNA	Density of Liquids	Electromagnetic Spectrum	Bathymetry
	Cellular Reproduction	The Periodic Table	Bernoulli Effect	Life of a Star
	Stem Cells	Atoms and Molecules	Gravity	Acidification of Oceans