

## **APES Elementary Science Unit**

You will work in groups of 4-5 to create a 45 minute maximum lesson designed for students in 4<sup>th</sup> through 6<sup>th</sup> grade. You will be given part of this week and next to work on this project. Your project must be based on one of our core units covered in this class this year. (ie. Pollution, Earth systems, Populations, etc...)

Your lesson must include a set of objectives, one demonstration, one hands on activity/ lab, one game, one community connection, and one evaluation activity. Be creative in the media you choose for your project, remember this is supposed to be both informative as well as fun for the kids. All content must be school-appropriate. If you are uncertain, ask!!!

Also remember, you are trying to help future APES students understand your topic. You must address the following in your project in an age appropriate manner:

- A textbook definition of your concept.
- Your explanation in your own terms of what that means.
- An example further explaining your concept i.e. an acted out scene, claymation, animation, news report etc.

This project is not a “make-believe” activity. If your demo, lab or other activity calls for special materials or equipment you’ll need to supply them for your presentation. Think low budget... recycle and reuse....as opposed to buying new.

Finally, to be considered “A” worthy your project must be BOTH ENTERTAINING AND EDUCATIONAL with:

- Well thought out and clear objectives
- Attention grabbing activities
- A smooth flow with each part supporting the previous one
- Age and school appropriate content

*If I feel that you go above and beyond extra credit can be earned on this project. The kids need to be impressed, educated, and entertained.*