**Biofuels Video project**

For this project, you will research and create a 5-minute video on “biofuels”.

Your video should be no more than 5 minutes long. Make it as if you are addressing a biofuels conference of fellow professionals. Have your voice speaking over screen shots, articles, sketches/drawings, and so forth. You could use a pen-tablet of some type, and be writing while you are speaking, for example, like we do in a webinar. I will be sharing the videos with the class at a future class meeting.

Here are just a few ideas. Watch the student example-videos to get the overall ‘vibe’.

1. How to turn leftover corn stems, leaves, and husks into ethanol biofuel
2. How to turn perennial grass crops (like switchgrass) into ethanol biofuel
3. How to turn forestry byproducts (wood chips, sawdust) into ethanol biofuel
4. How to turn waste cardboard into ethanol biofuel
5. How to grow algae and make biodiesel from it
6. How to recycle plastic waste and make biodiesel from it
7. How to make hydrogen in large quantities in order to power society
8. How a hydrogen fuel cell works
9. How to convert waste vegetable oil (that restaurants throw away) into biofuel
10. How do enzymes convert plant-cellulose into fermentable sugar?
11. Any related topic

(75 points possible)