**Field Science : Iowa Energy & Pollution Outline**

**Day** **Subject / Activity**

1 Alternative Energy Resources (Wind, Solar, Hydroelectric, Biomass, Geothermal)

2 ***Act. -* Engineering A Wind Turbine Blade (*2 Days: Create Blades & Test Blades*)**

3 ***Act. -*** **Engineering A Solar-Powered Car / Online Composting Activity**

4 Air Quality

5 **Pollution Research iMovie *(Assign Project)***

6 ***Act. -* Analyzing Particulate Pollution**

6 ***FIELD TRIP : LYONDEL BASSELL??***

7 **Finish Particulate Pollution Activity /** **Project Work Day**

8 Water Quality

9 ***Act. -* Water Quality Testing**

10 ***SPEAKER : DANIEL ANDERSEN (IOWA STATE UNIVERSITY)*** - Kayleen Keehner

11 **Project Work Day**

12 Land Quality

13 **Land Use Model *(Assign Project)***

14 ***Act. -* Garbage Personality Profiles**

15 **Project Work Day**

16 ***FIELD TRIP : CLINTON COUNTY LANDFILL***

17 **Unit Test**