Grade 8 PBL - Great Pacific Garbage Patch

**Assignments**

1. Science/English - “Pressure Project” (Research, write-up, Blue Print, Prototype)

Unit:Mix and Flow of Matter

1. Science - Video of Prototype
2. Science - Wiki - How does plastic affect fish, birds, humans, the food chain, etc

Unit: Cells and Systems

1. Social studies - Perspective art piece of GPGP/Prototype(The Renaissance, Enlightenment)
2. Google 8(Computers 8) - Infographic of GPGP/Prototype
3. English/Social/Science - Infomercial - script and video - 2-3 minutes in length
4. English - Formal Business Letter(persuasive) to U.N. Councillors
5. Math/Science Problem - Boat & Trucks - Math(2 days) Science(2days)
6. Math Presentations to the Math U.N. Councillors
7. Science Presentations to the Science U.N. Councilors
8. Movie Making 7,8,9/Science/Social/English/Math - Final Project - Documentary

**Guest Speakers/Activities**

1. Environmental Engineer
2. PAL Science Laboratory Field Trip
3. Sexsmith Recycling Plant
4. Grande Prairie Recycling Plant
5. Math Expert
6. Evergreen Park Field Trip - Center for Resource Excellence and Innovation