**GREAT GARBAGE PATCH WEBQUEST**

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**For this webquest you will be visiting a number of sites as well as doing some searching of your own.**

**To start, go to my website under Water and Water Bottles. Scroll down to the section Plastic in the Oceans.**

Click on the link “**The Great Pacific Garbage Patch Science vs. Myth - NOAA**” and answer the following:

1. Describe the “Great Pacific Ocean Garbage Patch” by comparing the Myth vs. the Facts.
2. Look at the map image. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Patch and The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Patch and the

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Convergence Zone make up the Great Pacific Ocean Garbage Patch.
3. True or False: Garbage Patches only form in these locations.

Now go back to my website and click on the link “**Marine Debris Program Garbage Patches – NOAA**”

1. What is a **“GYRE”**? How many gyres are there?
2. How do the gyres cause these garbage patches to form?
3. What are three **impacts** of plastic in the ocean presented on this website?
4. Can we get rid of the garbage patches? What is suggested that we as individuals can do?

Now go back to my website and click on the link “**The Great Pacific Garbage Patch - Mother Nature Network**”.

1. What does **Biodegradable** mean / What does it mean for an object to **Biodegrade**?
2. What does **Photogradable** mean / What does it mean for an object to **Photodegrade**?
3. How many million metric tons of plastic are estimated to enter oceans each year?

Now go back to my website and click on the link “**Adrift - Where Plastic ends up**”.

Use this website to determine where plastic ends up

1. If you litter in CT, the plastic will end up…
2. If you take a trip to Chile and litter, the plastic will end up…
3. If you take a trip to \_\_\_\_\_\_\_\_\_\_\_\_(you choose a location) and litter, the plastic will end up…

**Independent Research:**

1. Do an Internet search and give a definition of Resin Pellets or Nurdles . Then copy and paste an image showing an example of them below. Provide the link(s) for your definition and image.
2. Many cities, states and countries are beginning to ban plastic bags and/or plastic straws. Find **two examples** of places that are doing this by searching for recent news articles. Provide the locations names, information about what they are doing and links.
3. Copy and paste 3 pictures that relate to the Great Pacific Ocean Garbage Patch or any other ocean garbage patch. Also, provide the link the underneath each image

(One of the pictures must show either its geographical location or its location with respect to ocean currents that are close by.)

1. Explain the philosophy (attitude) behind the environmental slogan (term) REUSE, REDUCE and RECYCLE!!!