

Video Viewing: **Addicted to plastic**

Name: _____

In the space below, fill in the information which fits into the column (take good notes- you will be writing about it!)

Important/Interesting Facts	Amazing/Promising solutions	Your <i>thoughts/discussion</i>

1. “If there are safer alternatives on the market, why not change?” *Why won't corporations change?*
2. What would be the benefit of making plastic **infinitely recyclable**?
3. ”Instead of cheerleading plastic as a cheap and disposable material, why not cherish it as the **finite** and valuable material it is?” **Describe several examples** of how used plastic is valuable.
4. What should our relationship be with **synthetic materials**? (in this case **plastic**)
5. What does it mean when products are “*downcycled*”?
6. Name one thing that is made from plastic that you can change to a non-plastic item today (easy). Name one thing that will be very difficult to find a non-plastic replacement.

Choose ONE of the following options and complete a one-page newspaper article: (*use newsletter template from WORD*)

1. Research what **bioaccumulation** is, and describe how plastic in the ocean is a leading contributor to bioaccumulation of toxins in fish, birds and humans.
2. Research “**polyester**” and describe what it has to do with plastics.
3. Research and describe the plastic boom post World War II. How has this boom affected where we are today, and where we are going in the future with regards to plastic pollution?
4. Describe the ‘life cycle’ of a **plastic resin bead** (the building blocks for plastic)
5. Research and describe the invention of **plastic railroad ties** in Texas, and how it is a viable solution to reducing plastic waste.
6. Research and describe the recycling program in Denmark that actually cleans and reuses some plastic bottles. How does it compare to what is done here in the U.S.?
7. Research and describe **biodegradable bio-plastics**. Discuss to pros and cons of biodegradable bioplastics, and there place in our world’s future.
8. Research and describe the company “Patagonia” and its recycled fleece jackets made out of old bottles. Discuss why this is a viable solution to the earth’s plastic problem, as well as what problems it may pose.
9. Research and describe the company “Uniqueco” in Nairobi, Kenya that makes purses and jewelry from recycled plastic. Describe the benefits of this type of recycling on Kenya’s plastic waste problems.
10. Research and describe India’s sacred animal, the cow, and describe the effects that cows eating plastic bags has on the people residing in the city of Delhi, or India in general.

Success Criteria Checklist- Have you included the following in your assignment?

- Shown that you understand the **detrimental effects (harmful)** that plastic has on the environment, animals and humans
- Related to how humans are affected
- Proposed practical solutions to solve the problem of plastic waste, or discussed why your topic is a viable solution
- Backed up your thoughts and explained your reasoning
- Used proper formatting, grammar and spelling
- Is at least 1 page in length (newspaper style) with at least 1 photo (word: use **newsletter template**)
- Included at least 2 references