Recycling Project

Part 1: Research and Comprehension Questions (35 points)

1.-Read the solid waste management PowerPoint slides and complete the fill in the blank solid waste management notes in your work packet.

2. -Read the article 'How recycling works' and answer question 1-6 on a separate sheet of paper in complete sentences.

3. –Read 'Why is the World's Biggest Landfill in the Pacific Ocean and answer questions 7-10 in complete sentences on a separate sheet of paper

4. Read 'Growing Problem Of e-waste: Bringing Harmony to Electronic Waste Disposal' and answer questions 11-13 in complete sentences on a separate sheet of paper.

Part 2: Reduce, Reuse, Recycle Table (15 points)

Using the information from the solid waste management PowerPoint slides and notes, draw a table that explains the difference between reducing, reusing, and recycling. *Use crayons and markers to make your table colorful.*

Your table should include the information below:

Reduce	Reuse	Recycle
Definition of reduce:	Definition of Reuse:	Definition of Recycle
2-3 Examples of things we can reduce: 1. 2. 3.	2-3 examples of things we can reuse: 1. 2. 3.	3 examples of things we can recycle: 1. 2. 3.

Part 3: Make a Visual! (50 points)

DIRECTIONS: Your visual must include: the following **4 sections**. (if you like you can fold your construction paper into four equal parts). YOU CAN FIND ALL THE INFORMATION FOR THIS POSTER IN THE ARTICLES THAT YOU READ, THE NOTES YOU TOOK, AND THE QUESTIONS THAT YOU ANSWERED IN PART 1 OF THE PROJECT.

Solid Waste Management	Reduce, Reuse, Recycle
Environmental Issues Caused by Trash	The Pros and Cons of Recycling

SAMPLE POSTER

ALL SECTIONS MUST INCLUDE THE INFORMATION BELOW IN CLEAR AND COMPLETE SENTENCES

Your visual can be one of the following: Poster [example shown above], Prezi, Google Presentation, a Movie (created in movie maker or any other place) or any other electronic formatted presentation you can think of! I would prefer you create an electronic visual.

The information below is required, but please be sure to add other information

Poster Section 1
Title: Solid Waste Management
In this section you must include:
- the definition of municipal and non-municipal solid waste
-the main sources of non-municipal waste (example: mining, and oil and gas production=75% of non-municipal waste)
-the main sources of municipal waste (example: 37% of municipal waste is paper and paperboard.)
-Explain the difference between landfills, incineration, and compost
-Include at least 1 visual representation (picture)

Poster Section 2
Title: Reduce, Reuse, Recycle
In this section you must include:
-The definition of reduce, reuse, and recycle, and an explanation of why each of these things is important.
-At least one visual representation of reduce, reuse, recycle. (picture)

Poster Section 3
Title: The Pros and Cons of Recycling
In this section you must include:
3 Benefits of recycling
3 Criticisms or recycling
- One visual representation of recycling. (picture)

Poster Section 4
Title: Environmental Issues Caused by Trash
In this section you must include:
-3-4 sentences describing the Great Pacific Garbage Patch AND explaining why it is a problem
-Explain the difference between biodegradation (trash breakdown by natural processes), and photo-degradation (trash breakdown by sunlight), and how this is related to the collection of plastic in the great pacific garbage patch.
-Draw and label one picture that is related to the garbage patch.

-The definition of e-waste
-An explanation of why e-waste is a problem for waste management in countries all over the world.
-The amount (tons) of e-waste that are produced in the world each year.
-Draw and label one picture that is related to e-waste.
-One picture representing why e-waste is a problem.

PROJECT COMPLETION CHECKLIST (check off the items that you have completed)
- _____ SOLID WASTE MANAGEMENT NOTES
- _____READING QUESTIONS 1-13 ANSWERED IN COMPLETE SENTENCES
- _____REDUCE-REUSE-RECYCLE TABLE
- _____POSTER (100% COMPLETE MEETING ALL LISTED REQUIREMENTS)