

Waste and Our World:

Name: _____

Due Dates: Thursday December 11 (Plan), Wednesday, January 19 (Presentations begin 20)

Purpose: Students will come up with something that they can change about their family's environmental actions. They will work to carry out a plan to successfully change the action and then report what affect their work had.

Action: You will think of something that your family does or something that they do not do that negatively affects the environment. This does not need to be related to garbage necessarily but could be connected to water or electricity as well. Don't limit your options, yet still make sure you are focused on one thing you want to change.

Plan: You may need to help your family change their actions. This might take encouragement, visual household reminders, or finding ways to make it easy for them to help you on your project. Make sure that your plan has the following:

- A **practical** goal (something your family needs help with, based on caring for the environment.)
- A **reachable** goal (not too big, remember you only have 2.5 weeks. Keep it within reason).
- A **measurable** goal (how will you know whether you are achieving your goal. You want to know whether you were successful.)

Presentation (No more than 7 minutes):

Present your "Take Action" project to the class. This can be done in many ways (PowerPoint presentation, video, Microsoft Word, poster, pictures, etc.) If it is electronic, you need to approve what you will use before hand and how you will get the project to school (eg. CD or USB drive).

You must answer these questions in your presentation:

- Why you picked your action? (What need did you see?)
- What you did? (Steps you took)
- What did you learn from your project? (What did you learn specifically? What can you apply to life in general?)
- How did I measure my success? (For example, if you are trying to improve the recycling of beverage containers, you family might recycle 5 containers per week before your project to 20 per week).
- What are three interesting things that: you discovered OR had to consider while doing the project?

Take Action Plan (DUE: - December 11)

Name: _____

This is just a sketch plan of what you intend to do so that I know you are on the right track and have started your thinking. Please complete all answers in complete sentences.

1. Tell one thing your family needs help with in relation to the 3R's that you are going to focus on.

2. What is my **practical** goal going to be? (This will be related to #1. Example: "We will go from two bags garbage per week to one")

3. How will I measure my success in changing my family's actions? (Be creative!)

4. How will I help my family and make it easy for them to participate in my project? (List 2 things)

5. What one thing might you have to consider as a scientist when doing this project OR what one problem might you face?

6. How will you present your information? (Powerpoint, poster, charts, graphs, videos, etc...be creative!)

Completion of Questions Assessment

Content

- Why did you pick your action? (What need did you see?) /3

- What you did? (Steps you took) /10

- What did you learn from your project? (What did you learn specifically? What can you apply to life in general?) /4

- How did I measure the outcome? (For example, if you are trying to improve the recycling of beverage containers, you family might recycle 5 containers per week before your project to 20 per week). /3

- What are three interesting things you discovered or had to consider? /3

Total: /23

Teacher Comments:

Presentation and Quality of Project Assessment

	<u>4- Wow!</u>	<u>3-Well done.</u>	<u>2-Ok</u>	<u>1-Needs Work</u>
<u>Presentation</u> X2	<p>Student stands straight, speaks with great volume, faces the audience, and confidently gives eye contact to audience.</p> <p>Everything about them speaks "Confidence".</p> <p>-It is very well rehearsed and the student makes it very real for the audience.</p>	<p>Student usually stands fairly straight, has volume, and most of the time gives eye contact. Confidence is evident in much of the presentation.</p> <p>-It is fairly well rehearsed but the student may sometimes revert to just reading off of notes and not make it as real.</p>	<p>Student stands a little slumped, uses unsteady volume or little volume and only sometimes gives the audience their eyes.</p> <p>-A bit more rehearsal could have been used, as it is choppy, confusing, and sounds mechanical.</p>	<p>Student hides behind their notes or sheets. They have to be encouraged to speak up numerous times. They are slouched or lean against the board.</p> <p>-It is clear that the student hasn't practiced the presentation at all and is just throwing it together at the last moment.</p>
<u>Quality and Preparation</u>	<p>A lot of time is obviously invested into the project. It is very eye catching, looks professionally done, and the layout has been thought about so to be most effective.</p>	<p>A good amount of time has been given to the project. It is neat and laid out in a way that makes sense.</p>	<p>Some time has been given to the project but parts are laid out in a way that looks disorganized and messy. Places lack care.</p>	<p>Little time has been given to this project. It looks disorganized and messy, as though no care or thought was given to it.</p>
<p>Mark: /12 =</p>				
<p>Total Mark: / 35 =</p>				

