

PROJECT PLANNER

1. Project Overview

Project Title	Recycling School Trash	Public Product(s) (Individual and Team)	Susan Louque louque.school@gmail.com slouque@efschools.net
Driving Question	What trash can we recycle at school?		Rita Jones ritaandersojones@gmail.com jones5@ebschools.org
Grade Level/ Subject	9th -12th grades		
Time Frame	10 days		
Project Summary	Trying to reduce trash in school by recycling it. Using the Boy Scout Values of Trustworthy, Helpful, Clean, and Thrifty		

2. Learning Goals

Standards

ELA Standards

<https://www.louisianabelieves.com/docs/default-source/teacher-toolbox-resources/k-12-ela-standards.pdf>

RI 1 - (Grade 9-10) (11-12) - Cite relevant text
 RI 2 (Grade 9-10) (11-12) - Central idea of a text
 RI 4 (Grade 9-10) (11-12) - Determine the meaning of phrases and words in text
 RI 7 - (Grade 9-10) (11-12) - Different media

Environmental Standards

HS-EVS2-2 Use a model to predict the effects that pollution as a limiting factor has on an organism's population density.
 HS-EVS3-1 Construct and evaluate arguments about the positive and negative consequences of using disposable resources versus reusable resources.
 LS-H-D4: exploring how humans have impacted ecosystems and the need for societies to plan for the future

Literacy Skills

Persuasive writing

<u>AASL Standards</u> III. A. 2 Developing new understanding through engagement in a learning group
Key Vocabulary Recycle, pollution, sustainability

Success Skills	4 Cs - collaboration, creativity, communication, critical thinking
Rubric(s)	rubric

3. Project Milestones

Directions: Use this section to create a high-level overview of your project. Think of this as the broad outline of the story of your project, with the milestones representing the significant ‘moments’ or ‘stages’ within the story. As you develop these, consider how the inquiry process is unfolding and what learning will take place. The Project Calendar (Section 4) will allow you to build out the milestones in greater detail.

Milestone #1	Milestone #2	Milestone #3	Milestone #4	Milestone #5 Public Product	Milestone #6
1. Take survey before collection to see what is the top recycling items in school. 2. Collect and sort trash from 5-10 classrooms in different subjects. Sort the trash into 5-10 categories 3. Create a graph of recycle items collected using Excel or other graphing software	1. Research the top 5-10 recyclable items from the collected trash 2. Justification of the top 5 items that can be recycled at the school	Interview teachers to see what ways they are willing to repurpose recyclable items	Plan a meeting to create a recycling club to include - Group 1 - create presentation include the Flipgrids or Powtoons Group 2 - invite the stakeholders and spokesperson involved in recycling Group 3 - create an agenda for the meeting Group 4 - create rules and bylaws for sustainability of the Recycling Club	Present the Powerpoint for the creation of a Recycling Club to stakeholders	

Key Student Question	Key Student Question	Key Student Question	Key Student Question	Key Student Question	Key Student Question
What items can be recycled at school?	What ways can you recycle the 5 top items in school?	How can teachers repurpose the recycled items?	How do you persuade stakeholders to allow the creation of the Recycling Club?	What are the trash items that can be repurposed at the school?	
Formative Assessment(s)	Formative Assessment(s)	Formative Assessment(s)	Formative Assessment(s)	Formative Assessment(s)	Summative Assessment(s)
Compare survey to graph and explain the differences in a FlipGrid/Powtoon video	Create a FlipGrid/Powtoon video illustrating how each item can be recycled at school	Create FlipGrid to show how the teachers will repurpose the recycled items.	Evaluation did the 4 groups collaborate and communicate with each other to plan a successful meeting?		

4. Project Calendar

Driving Question: What are the trash items that can be repurposed at your school by recycling?

Culminating Activity: meeting to plan the recycling club. We use Skpe or Google Hangouts for the people who cannot attend the meet at the school site.

Description; Planning, creating, and presentation of a meeting to create a Recycling Club to help reduce trash by repurposing recycling goods.

Assessment:
Attached rubric

Additional Comments: