



GRADE 3

Farm to School Lesson

Topic:	Healthy Soil-Waste Management (suggested month: October)
Monthly Essential Question:	Where does garbage go?
Content Areas Addressed:	Reading, social studies, ecology/environment

Standards Addressed:

- A 4.8 Identify major changes in the local community that have been caused by human beings, such as a construction project, a new highway, a building torn down, or a fire; discuss reasons for these changes; and explain their probably effects on the community and the environment.
- Ask and answer such questions to demonstrate understanding of text, referring explicitly to the text as the basis for the answers. (CCSS.ELA-LITERACY.RI.3.4)
- Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 3 level topics and texts, building on others’ ideas and expressing their own clearly. (CCSS.ELA-LITERACY.SL.3.1a,c,d)
- Ask and answer questions about information from a speaker, offering appearance elaboration and detail. (CCSS.ELA-LITERACY.SL.3.3)

Key Terms:	Reduce	Reuse	Materials Needed:	Classroom garbage can	Blank paper and writing utensils
	Repurpose	Recycle	Healthy Soil PowerPoint	Gloves (for handling garbage)	Sampling food and supplies
		Landfill			

Introduction: (5 min) *Introduce essential question—“Where does garbage go? Bring garbage can to the front of the room. “What’s in here? (waste, garbage, trash, etc.)” Choose 1 item from garbage can (maybe have an item that has not made its way to the garbage yet.) “Where does this item go after being in the garbage can?” Track item from classroom garbage, to school garbage, to community garbage, to landfill. “What happens to this item once it is in the landfill? (decomposes, breaks down into the soil). So does our garbage really ever go away? (take responses through quick hand survey). We are going to learn about the path this item might go on from your classroom to the community landfill, and what happens to garbage at landfills.”

Development: (20 min) “Let’s watch a video to help answer the question: Where does garbage go?” Watch **VIDEO** “Landfills and Garbology” video. After the video is finished ask students – “Where does garbage go? (landfill, recycled, reused, etc.). We learned from the video that garbage goes to landfills. This is garbage that we don’t throw in the recycle bin. Landfills never stop growing. Why could this be a problem? (still making garbage, could use space for other things). It’s important that we all do our part to reduce the amount of waste we send to the landfill. We’re going to spend a few minutes coming up with ways to reduce our own waste. To get you started, I want to remind you of something you may have heard of – the 4 R’s.” Show 4 R’s slide and go through examples of each (reduce the use of paper and plastic shopping bags by using reusable shopping bags, use reusable water bottles rather than disposable plastic bottles; throw paper, plastic, aluminum and glass in recycling bins instead of the garbage; create a new item from something you would have thrown away-using yogurt containers instead of Tupperware for your leftovers or glass jars for arts and crafts supplies). Let’s watch a video about what happens to our recycled items.” **WATCH VIDEO** “What did you learn?” Have students take out a piece of paper and writing utensil. “To help us remember our role in keeping our communities healthy, everyone is going to write down one way to decrease waste. Then we will discuss your tips for a healthier community. Try to match your tip to one of those R’s if you can.” Give time to write and share ideas.

Sampling & Closure: (5 min) Conduct local fruit or veggie tasting. Instruct each student to take a ‘polite bite’ (eat at least one bite and only say polite things). *Review essential question. Where does garbage go? “Before I asked you if garbage ever goes away. What do you think about that question now? (take responses). So if garbage is only garbage, if we choose to not reduce, reuse, recycle or repurpose we have big jobs in front of us. Looking at the tips you and your classmates came up with, who is up for the challenge of keeping your community healthy by using the 4 R’s?”