



WEEK 5 Day 2

Blocks: Building Recycling Trucks

Children use blocks and Beautiful Stuff materials to build recycling trucks.

Big Ideas	As caretakers of the earth, people can create and participate in sustainable systems to use natural resources wisely.
Guiding Questions	What are sustainable systems, and how do people make responsible decisions for our earth?
Vocabulary	recycling plant: a factory where used materials are made into new things.
Materials and Preparation	<ul style="list-style-type: none"> ● <i>Recycle!</i> ● recycling trucks images/video ● children’s research from week 4 ● blocks (unit, hollow foam) ● Beautiful Stuff: small and medium boxes, bottle caps ● tape ● varied paper ● writing and drawing utensils ● scissors ● Ipad or projector <p>Set out visuals and images children can use as resources. Invite some children to choose Beautiful Stuff that could be useful. Allow for the use of varied blocks and if possible to leave their recycle trucks out so that they can keep working on them over time and connect them to the recycling system they will work on in week 6.</p>
Intro to Centers	<p>Intro to centers:</p> <p><i>We are reading Recycle! by Gail Gibbons and learning about how and what to recycle and what happens to what we recycle. Last week you started researching recycling.</i></p>

	<p>Show some samples of what children researched <i>What is something you have learned about recycling? Talk to a partner.</i></p> <p>Invite a couple of children to share their ideas after the pair share. <i>One of the things we are learning is that recycled materials travel to a recycling plant, a factory where used materials are made into new things, in trucks. Give me a thumbs up if you have seen the recycling trucks where you live.</i> <i>Where I live they come by every _____ and take the recycling away. Here are some images/videos of recycling trucks.</i></p> <p>Share the images and video with the children. <i>What do you notice?</i></p> <p>Invite a few children to share their observations <i>This week in Blocks we want to challenge you to use different blocks, and recycled materials to construct your own recycling trucks. Here are some of the materials I have collected but you can add other ones you think would be useful.</i></p> <p>Show the materials. <i>Talk to a partner about what materials you would use to build a recycling truck.</i></p> <p>Invite children to share out. <i>You can start by making a sketch of a recycling truck and then make a plan for what materials to use.</i> <i>I have noticed that you are sharing ideas and talking with each other. Collaboration will help you as you build together.</i></p>
During Centers	<p>As children begin to work, guide them to use the resources as a reference that can help them to get ideas. Encourage them to work first on a plan and then to consider various materials to use . Remind them to work collaboratively, share ideas and help each other.</p>
Facilitation	<p>What do you know about recycling trucks and how they work? What are you going to use to build your recycling truck? Why? What are you going to use to make the _____? What kind of recycled materials are you collecting in your truck? What will happen to these materials? How does working with other children help you?</p>
Standards	<p>SL.1.K.a Participate in collaborative conversations about kindergarten topics and texts with peers, and adults in small and larger groups. SL.2.K.a Confirm understanding of a text read aloud or information presented orally or through other media by asking and answering questions about key details and requesting clarification if something is not understood.</p>

