

WEST TN REGIONAL RECYCLING HUB EDUCATION & OBSERVATION CLASSROOM

SYLLABUS 45 MINUTES TO 1.5 HOUR TOUR TIME

Arrival to the Classroom

There is bus parking directly in front of the classroom. Students will unload from the bus and walk straight into the education and outreach classroom.

How Many Classes can Attend

We can accommodate two groups of 25 students at the same time. While one group goes through the classroom, the other group can watch a video on recycling in the training room. We can separate groups by morning and afternoon also if needed.

Lunch

If you bring your lunch, we have 4 unshaded picnic tables that seat a total of 24 people. A garbage can will be provided for trash.

Landfill Model

A large diagram of a landfill is a hands-on model observed by students. The Education Coordinator discusses each layer of the landfill and the operations. The decomposition of garbage that is discarded in landfills is discussed with a visual aid to show how long each item takes to decompose in the landfill. The importance of recycling to divert items from the landfill is discussed.

Recycle Cycle

A large diagram of the Recycle Cycle is observed by students. The visual aid of the Recycle Cycle represents the process of recycling from start to finish: collection & processing, manufacturing, and buying recycled goods. This lesson shows students the value of recycling.

Worm Composting

Building off of the landfill lesson, a live worm composting (vermicomposting) bin is presented to the students to show the benefits of composting food waste to the environment. This lesson will explain the worm composting cycle, decomposition, and methane gas.

Recycling Sorting Game

The recycling sorting game is a hands-on interactive lesson in which students use critical thinking to sort magnets with a recyclable or non-recyclable item. The goal of the game is to separate the items into the correct position on the large magnetized board located on one wall of the classroom.

Recycled Tube Game

The recycled tube game is an interactive lesson where students will position multiple cardboard tubes that are attached to the wall into a race track for a ball. There will be two areas for the balls so that the students can race each other.

Video/Binny the Recycling Bin

The Recycling Coordinator will show the students a short-animated video featuring our mascot, Binny the Recycling Bin. The video explains the operations of the Recycling Hub from the collection at the curbside to the Recycling Hub process where it is destined to become a new product. The mascot, Binny the Recycling Bin, will also be on hand to give hugs, high fives, and take pictures.

Reading Nook

A special reading area for preschool – 2nd graders to gather and read guided stories with the use of puppets and games. Smaller groups only.

Litter Prevention

Students will observe the Litter Prevention station to go over facts about how much litter is collected from TN roadways and the harmful effects of litter. The Nobody Trashes TN Commercial will be shown to students to explain why you should not litter.

Observation Window

The classroom is equipped with an observation window that allows students to safely see operations of the Hub first hand. The Recycling Coordinator will explain the process and technology behind the equipment and how each piece of machinery operates on the sort line.

Recycled Metal Sculptures

On the lawn of the Education & Observation classroom sits metal sculptures made from reclaimed/recycled metal. Each sculpture was made by Chester County High School students enrolled in the welding class. Students will be able to see the different ways that you can reuse items.

Education Toolkit

There is an Environmental toolkit located on our website to download for teachers and parents to use after visiting our classroom. This toolkit covers everything talked about in the classroom.

Website: www.chestercountytn.org/recycling.html

The Recycle Cycle Diagram, Litter Prevention Word Search, Worm Composting Coloring Page, Landfill toolkit, West TN Regional Recycling Hub Video



Schedule a tour today:

If you have any question or to schedule a tour of the class room, please email bpruett@chestercountyttn.org or call the office at 731-989-9855.