

Kit Descriptions

All kits coincide with the Feed the Bin Curriculum and come with lesson plans and materials needed to complete the activity. All materials are reusable and based on a classroom size of 30 students.

Feed the Bin Kits

#1– Trash Sort (K-2)

Sorting activity in which students determine if the trash goes in a trash can or recycling bin. Comes with a class set of laminated worksheets.

#2– Make-a-MRF (Gr. 2-7)

Teams create and design their own recycling factory using certain “tools” such as a lint roller or flashlight. “Tools” are included!

#3– Sequencing Recycling at Our School (Gr. 3-5)

Create a sequence for recycling paper using laminated worksheets and picture cards; sequence-writing activity on other recyclables using research materials.

#4– Life Cycles of Aluminum and Paper (Gr. 6-8)

Modeled writing activity about the life cycle of paper.

Starve the Landfill Kits

#6– Building a Landfill Model (Gr. 3-8)

Students learn about layers of a landfill and make a model (model included); comprehension and problem-solving activities with transparencies also included.

#7– Evaluating Waste Streams (Gr. 6-8) & Garbage Pizza (Gr. 3-8)

Circle graph activity on the Wake County waste stream. Students create a circle graph for “Anytown, USA”; lesson plan and supplies included to make reusable garbage pizzas.

Close the Loop Kits

#8– What am I Made of? (K-2)

Matching recyclables with the material that makes the item (includes recycled-content items). Worksheet also included.

All About Plastics

#12– Plastics Investigations (K-5)

Cinquain poetry writing, sight word matching with numeral writing, living bar graph on the types of plastics, and investigation into the properties of plastics. All plastics materials are included.

#13– Plastics Exploration (Gr. 6-8)

In this 3-part lesson students will sort and classify 32 plastic items by density and physical characteristics. Recipe for polymer slime included!

#14– Physical and Chemical Properties of Plastics (Gr. 9-12)

Lab activity in which students investigate the physical and chemical properties of the seven types of plastics.

#15– The Bottle Bill (Gr. 9-12)

Webquest activity in which students research bottle bill legislation and conduct a multimedia presentation campaigning for or against this legislation.

Composting in the Classroom

#16– Soils and Composting Explorations (Gr. 3)

7 activities in one kit! File folder activity and card game on the ingredients needed for compost and on compost temperature; seed planting activity (seeds and pots included); Diary of a Worm book and activity; building a mini-composter; sorting “food” into compost piles; The Adventures of Herman CD.

#17– Decomposition and Microorganisms (Gr. 6)

Identify and compare microorganisms found in soil and compost; Microorganism art & research activity using Internet resources.

Litter Prevention

#18– Wartville Wizard, Litter Prevention (K-5)

Students interact with a book reading of Wartville Wizard by wearing a vest of “trash” and discuss the problems of litter.





Teacher Kit Check-out and Return Policies

Check-out:

All kits are checked out for 2 weeks. If an extension is needed the kit may be renewed for an additional 2-week period. If you would like to request a kit send an email with your name, school name, kit number, and grade level to rebecca.dunstan@wakegov.com

Please notify us of your request at least 2 weeks in advance so that we may have your kit ready. Delivery of the kit is dependent on the day your school receives its mail from the warehouse. Teacher kits are on a first-come first-serve basis. If however, the kit that you request is not available please consider checking out a different kit or wait for one to be available.

Return Policy:

Enclosed in each kit will be a materials check-off list. Please verify that ALL materials are returned to the kit and in the same condition as was sent. **All materials are reusable** with the exception of consumable materials needed to make an activity (e.g. soybean seeds for planting). In addition, please fill out the teacher kit evaluation form (located inside the kit) and give us your feedback.

Please note: there is a \$10.00 materials fee for any missing kit items.

Please call for a pickup if your kit is in a box. Envelopes can be sent through the WCPSS inter-departmental mail.

**Feed the Bin School Recycling Program
Wake County Environmental Services**

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Raleigh, NC 27602
919-856-6006

Email: feedthebin@wakegov.com
<http://www.wakegov.com/recycling/schools>