

# the dirt on garbage

*Learn about the effect you have on the environment around you. How long do things take to decompose? What happens to our lakes when we pollute? How can we improve our environment? Get the answers to these questions and more!*

## **SUMMARY:**

This workshop is an introduction to improving the state of the environment through waste reduction by exploring the concepts of reduces, reuse and recycle. Hands-on activities and interactive demonstrations will illustrate to students their role in improving the state of the planet. Students will repurpose materials and create chalk boards to take home.

## **EDUCATIONAL VALUE:**

This workshop is an introduction to improving the state of the environment through waste reduction by exploring the concepts of reduce, reuse and recycle. Hands-on activities and interactive demonstrations will illustrate to students their role in improving the state of the planet. This lesson provides an opportunity to develop scientific skills through inquiry based instructional methods.

## **TAKE-HOME MESSAGE:**

- 1 Garbage does not disappear when we throw it away, it goes to a landfill.
- 2 Improperly lined landfills can cause pollutants to leak into our water table.
- 3 We can create less garbage with the three R's: Reduce, Reuse, Recycle.

## **TAKE-HOME PRODUCT:**

Chalk Board

## **NORTH CAROLINA ESSENTIAL STANDARDS:**

- 1.E.2.1 Summarize the physical properties of Earth materials, including rocks, minerals, soils and water that make them useful in different ways.
- 4.L1.3 Explain how humans can adapt their behavior to live in changing habitats (e.g., recycling wastes, establishing rain gardens, planting trees and shrubs to prevent flooding and erosion).

