

THE 3R's MEET THE COMMON CORE

The Dirt on Dirt



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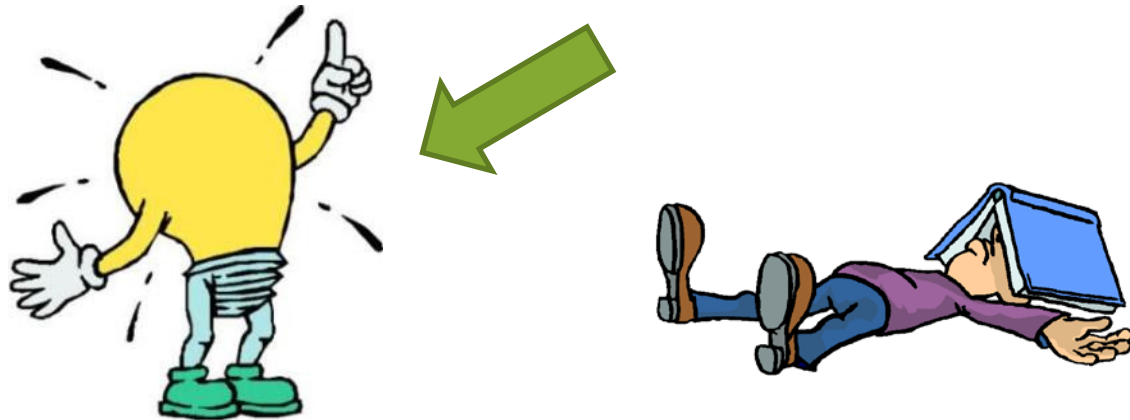
What are the resource guides?

- Teaching Toxics:

Creating Solutions for Household Pollution

- Teacher's Resource Guide

for Solid Waste and Recycling Education



How to use the resource guides

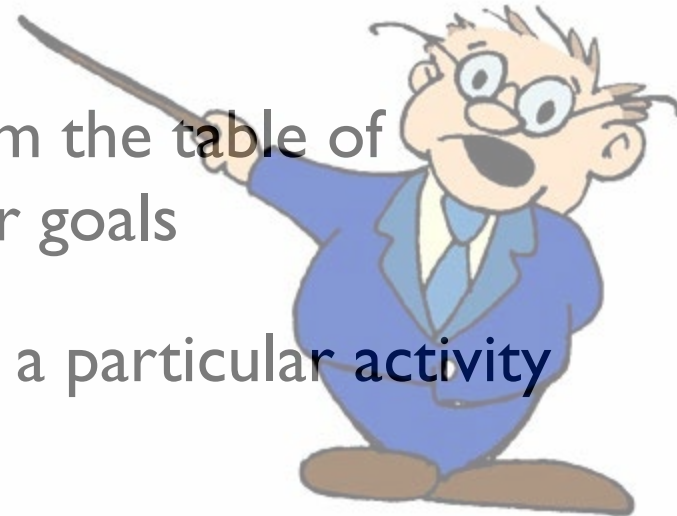
 Identify your grade level needs and goals

 Choose one of our **flexible** options

 Teach each activity/lesson outlined in the table of contents

 Teach only the section from the table of contents that supports your goals

 Teach specific parts within a particular activity



How do the 3R's meet the common core?

- 🍃 The activities in the resource guide teaches students about the 3R's

Reduce - Reuse – Recycle

- 🍃 Each activity contains 3 common core standards that support the lesson
- 🍃 There are opportunities in each lesson to cover other common core standards

How is the common core aligned with the activities?

Art Reflecting the Environment

CC.RI.7.1

Reading Informational Text:
Key Ideas & Details

CC.W.7.6

Writing:
Production & Distribution of Writing

CC.SL.7.5

Speaking & Listening
Presentation of Knowledge & Ideas

Sources of Waste

CC.RI.9-10.7

Reading Informational Text:
Integration of Knowledge & Ideas

CC.W.9-10.7

Writing:
Research to Build & Present Knowledge

CC.HSS.ID.5

Math:
Statistics & Probability

Landfill Soil

CC.W.7.7

Writing:
Research to Build & Present Knowledge

CC.W.7.4

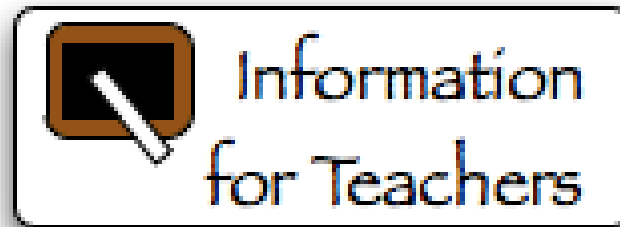
Writing:
Production & Distribution of Writing

CC.SL.7.1

Speaking & Listening:
Comprehension & Collaboration

How is the activity page set up?

- 🌿 Left side: Teacher supports
- 🌿 Right side: Activity procedure
- 🌿 Designed with flexibility in all parts



Another feature is Parallel Activities

Landfill Soil is designed for Grades 7-8

If you need to either deepen background knowledge or challenge students, use:

 K-3 Litter Garden

 4-6 Landfills

 7-8 Mini Landfills

 9-12 New Landfills

 9-12 Methane



The lesson: *Landfill Soil*

 Background Information

 Leading Question


 Procedure

-  Teacher has prepared containers

-  Students will test each soil following instructions

-  Students record results, observe, discuss

 Evaluation

-  Students write a paper conclusions and answer evaluation question

 Classroom Activities

Banana Peel Blues

Take me out to the compost;
Take me out to the heap.
Grind me up in a food grinder;
I don't care if I'm chopped into bits.
'Cause it's root root root for the microbes;
If they don't live it's a shame.
For it's 2, 4, 6 months I'm out in the old garden.

<https://www.youtube.com/watch?v=pvmS20FIL4I>



THANK YOU for participating in our lesson.
This newly revised resource guide will be made available
soon!

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