

## **“The 4 R's Everyday” Student Pre-Assessment**

The pre-assessment is intended to determine if students are ready to begin the **“The 4 R's Everyday.”** The lessons presented in **“Connections from the Cafeteria to the Classroom”** introduced vocabulary and concepts that are prerequisite for the concepts presented in **“The 4 R's Everyday.”**

### **DURATION:**

10 – 15 minutes

### **FORMAT:**

Multiple Choice and True/False

### **ASSESSMENT:**

If students are unable to answer 75-80% of these questions correctly, please review the Power Point **“Solid Waste in Clark County”** with your students before beginning **“The Four R's Everyday”** lesson plans.



**“The 4 R's Everyday” Student Pre-Assessment**

**For each question CIRCLE the correct answer. Some questions may have more than one correct answer.**

- 1) What is “solid waste?”
  - A. A solid
  - B. Something leftover or not used wisely
  - C. Leachate
  
- 2) Circle the synonyms for “solid waste”
  - A. Trash
  - B. Rubbish
  - C. Littler
  - D. Junk
  - E. Garbage
  - F. Leachate
  
- 3) Circle all of the ways in which trash has been managed in history and can be managed today:
  - A. Dump it
  - B. Burn it
  - C. Convert it into something that can be used again
  - D. Reduce the amount of future garbage by not creating it in the first place
  
- 4) Where is the “away” in “throw away” today in your city?
  - A. A garbage can on the street
  - B. A landfill
  - C. A transfer station
  - D. The ocean
  - E. A field or backyard
  
- 5) In the past:
  - A. People owned less stuff
  - B. Many items were handmade
  - C. Worn materials were used to make something else (old clothes into a quilt)
  
- 6) Today:
  - A. People own more stuff
  - B. People throw away 2 times more stuff than 50 years ago
  - C. Many items are manufactured



- 7) Circle the 4 R's
- A. Reduce
  - B. Redo
  - C. Reuse
  - D. Recycle
  - E. Rot
  - F. Rummage
- 8) A "garbologist" is someone
- A. who studies a society's garbage
  - B. saves reusable items from trash
  - C. sorts items at the transfer station
- 9) The Save Organic Scraps Program uses which R:
- A. Reduce
  - B. Reuse
  - C. Recycle
  - D. Rot
- 10) Compost can do which of the following:
- A. Increase the water holding capacity of soil during dry periods
  - B. Reduce water run-off in wetter months
  - C. Provide essential nutrients to our food
  - D. Nurture a whole microscopic ecosystem
  - E. Be made from your leftover lunch

**True or False:**

\_\_\_\_\_ Improper dumping can lead to serious health and environmental problems.

\_\_\_\_\_ Improper dumping can contaminate soil that we need to grow food, or build healthy places to live.

\_\_\_\_\_ Today the average American throws away 4.4 pounds of trash each day. In 1960 the average American threw away 2.6 pounds of garbage each day.

\_\_\_\_\_ Organic means anything that is alive or once was alive.

\_\_\_\_\_ For organic material to rot, or decompose, it needs oxygen.



## “The 4 R's Everyday” Pre-Assessment ANSWERSHEET

For each question **CIRCLE** the correct answer. Some questions may have more than one correct answer. (*Correct answers are in italics*)

What is “solid waste?”

- A. *A solid*
- B. *Something leftover or not used wisely*
- C. Leachate

Circle the synonyms for “solid waste”

- A. *Trash*
- B. *Rubbish*
- C. *Little*
- D. *Junk*
- E. *Garbage*
- F. Leachate

Circle all of the ways in which trash has been managed in history and can be managed today:

- A. *Dump it*
- B. *Burn it*
- C. *Convert it into something that can be used again*
- D. *Reduce the amount of future garbage by not creating it in the first place*

Where is the “away” in “throw away” today in your city?

- A. A garbage can on the street
- B. *A landfill*
- C. A transfer station
- D. The ocean
- E. A field or backyard

In the past:

- A. *People owned less stuff*
- B. *Many items were handmade*
- C. *Worn materials were used to make something else (old clothes into a quilt)*

Today:

- A. *People own more stuff*
- B. *People throw away 2 times more stuff than 50 years ago*
- C. *Many items are manufactured*



Circle the 4 R's

- A. *Reduce*
- B. Redo
- C. *Reuse*
- D. *Recycle*
- E. *Rot*
- F. Rummage

A "garbologist" is someone

- A. *who studies a society's garbage*
- B. saves reusable items from trash
- C. sorts items at the transfer station

The Save Organic Scraps Program uses which R:

- A. Reduce
- B. Reuse
- C. Recycle
- D. *Rot*

Compost can do which of the following:

- A. *Increase the water holding capacity of soil during dry periods*
- B. *Reduce water run-off in wetter months*
- C. *Provide essential nutrients to our food*
- D. *Nurture a whole microscopic ecosystem*
- E. *Be made from your leftover lunch*

**True or False:**

*TRUE* Improper dumping can lead to serious health and environmental problems.

*TRUE* Improper dumping can contaminate soil that we need to grow food, or build healthy places to live.

*TRUE* Today the average American throws away 4.4 pounds of trash each day. In 1960 the average American threw away 2.6 pounds of garbage each day.

*TRUE* Organic means anything that is alive or once was alive.

*TRUE* For organic material to rot, or decompose, it needs oxygen.

