

Let's Roll



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This activity serves as an “ice breaker” to get students thinking and talking about recycling and composting at school. It can be used as an introduction to the SOS Composting Program in the school and to the Clark County SOS Lesson Plan Sets. With the roll of three dice, students will be asked various questions about composting. Each die represents a different component of food composting.

- The **RED** die represents that students should stop and think about where they are throwing their items: should they go in the compost, recycling, or garbage?
- The **GREEN** die represents the compost bin and asks students to think about all sorts of items that can go in the compost bin.
- The **BLUE** die represents how students can be inspired to compost more. What causes them to act?

Grade Level

1-12

Duration

10-15
minutes

Materials

- Three “fuzzy” dice: one red, green, and blue (*Clark County Solid Waste can provide these items to Clark County teachers, with at least a two week notice. Contact us at erin.rowland@clark.wa.gov.*)
- Directions for making paper dice if not using “fuzzy” dice provided in Resources Section and also found at: <http://www.wikihow.com/Make-a-Paper-Cube>.
- List of materials that correspond to the RED die – ideas provided in Resources Section
- List of questions that correspond to the BLUE die – ideas provided in Resources Section
- Photo of the SOS Recycling Station – or photos of each bin clearly marked provided in the Resources Section.

Procedure

1. Provide a brief introduction to the SOS Program (paragraph on recycling station in cafeteria, # of schools participating, etc.);
2. Explain to the students that in the following activity, they will have a chance to roll fuzzy dice. The numbers from the three dice represent either items to choose from a numbered list (the red die), or the number of items to name (the blue and green dice).



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3. There are multiple ways to carry out this activity:
 - Roll dice in front of the entire classroom with three students coming up to the front to participate.
 - Break students into small groups to complete the activity:
 - each group with their own three fuzzy dice, or
 - each group works from the same roll of the dice at the front of the room.
 - Divide the class into two teams and have one student from each team to come to the front of the room. Each team tries to come up with the correct answers the fastest.

4. Display the photo of the SOS Recycling Line Up or a photo of the recycling bin, the food waste bin, and the garbage bin. Roll the **RED** die. Match the number rolled with the list from the Resources Section. For example, if student rolls a "4" then s/he should "Stop and Think" which bin a hamburger (easy) or straw (advanced) should go in: either recycling, compost, or garbage.

Students should write their answer either on the board (if playing as a whole class or as a contest) or on a sheet of paper.

5. Roll the **GREEN** die. For each number, name that many items that can go in the compost/food scraps bin. For example, if a student rolls a "3" then s/he names three items that can go in the compost bin: apple core, dirty napkin, straw wrapper.

6. Roll the **BLUE** die. For each number, answer the question associated with the number rolled. For example, if a student rolls a "6" then s/he should answer question #6. Questions can be found in the Resources Section.



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Resources Section

Photo of the SOS Recycling Station



Example of word list for RED die

RED-Easy version

1. Apple core
2. Aluminum can
3. Plastic bottle
4. Hamburger
5. Candy wrapper
6. Dirty napkin



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RED-Advanced

1. Old homework assignment
2. Paper towel
3. Potato chip bag
4. Straw
5. Straw wrapper
6. Hamburger

Example of questions to correlate to the numbers on the BLUE die

- 1) Why is putting food scraps into the correct bin important?
- 2) What is one thing that you can compost today?
- 3) Where will food scraps go if they are not put in the correct bin?
- 4) Name one way that compost helps plants.
- 5) How is compost used?
- 6) Which bin should you put food scraps and soiled paper into at lunch time?

