

LESSON: Mapping for Ecology**GRADE: 3****OBJECTIVES:****Civic Literacy****SS.3-5.PSCI.1 Understand the rights and responsibilities of each citizen and demonstrate the value of lifelong civic action.**

- Understand opportunities for leadership and public service in the student's own classroom, school, community, state, and the nation.

MATERIALS & RESOURCES:

- Blocks or legos
- Large (18x24) white paper
- Pencils, black fine tip markers, crayons or markers
- Teacher-made [panoramic](#) map, and an [aerial](#) map of classroom
- Maps as examples
- Digital camera or notebook
- Chalkboard or whiteboard
- Book: *Me On The Map*, Joan Sweeney

PRESENTATION:

Have students share why recycling is important here at school, as well as at home and in the community, and give examples. Read book: *Me on the Map* to students. Explain that we're going to create a map of our school, locating all the recycling bins, but we'll start with our own classroom.

DIRECTIONS:

1. Divide the class into small groups of 4 or 5 each, and have each group make a "3-D map" or model of the classroom, being sure to include recycling bins.
2. Show students the maps you have made, and discuss the difference between panoramic view and aerial view.
3. Have students work individually to draw either an aerial view or panoramic view map of their classroom, locating the recycling bin.

4. As a class, take a walk around the school, locating recycling bins in each room. Have students take digital camera pics of each room, or take notes about where each bin is located.
5. When back in the classroom, display the photos on the computer or Elmo (if available), or put together a bulletin board, or simply list on board the bins' locations.
6. Have students work in their small groups again, to draw maps of the school and its recycling bin locations. Depending on size of school, different floors or sections of school could be assigned to each group.
7. Display the finished maps with information about importance of recycling. (Students finished early could make posters about recycling).
8. Talk about how well the children think their school is doing on recycling. Explain that the class will be doing a service-learning project, and to keep in mind whether they would like to do a project about recycling.

TIME:**150-180 min****PROCESSING THROUGH THE SIX PILLARS:****WHAT HAPPENED?**

- What did you learn about recycling in your school?

SO WHAT?

- How does recycling at school demonstrate citizenship?

NOW WHAT?

- What would a service-learning project about recycling look like?