

Model EE Program

St. Joseph's Recycling Program

The fifth grade class at St. Joseph's School collects all waste materials at the school and makes sure all of it is recycled. The students sort and clean all the recyclable materials from student lunches in the cafeteria. Recycling proceeds support a local charity.



St. Joseph's School

43222 Mission Boulevard
Fremont, CA 94539
(510) 656-6525

Contact: Kelly Mendoza
kmendoza@sjsmsj.org

About the Program

Grade: 5th grade students

Description: The fifth grade class has taken on the responsibility of ensuring that all recyclable plastic, aluminum, glass and paper generated as waste materials at the school are recycled. Currently, the fifth grade students retrieve all waste paper, plastic, glass and aluminum from bins in front of and within each classroom. All of these materials are recycled. The glass and aluminum is taken to a recycling center and the proceeds are donated to Sister John Maries' Pantry, a local charity. This year, the fifth grade students developed and implemented a recycling plan for the used plastic trays and cardboard boxes generated from the new hot lunch program.

Classroom Integration: Math & Science and Multidisciplinary Unit in self-contained classroom

Environmental Focus: Recycling & Waste Management

Academic Focus: Language Arts and Science

Teaching Practices: Cooperative Learning, Hands-on, Student-centered, Program/Inquiry-based, Real-life Issues



About the Program continued...

Lesson Plans Available: Recycling, Creating Bar Graphs

Website: <http://www.sjsmsj.org/classes/fifth.html>



Partners:

- City of Fremont
- BFI/Allied Waste
- Tomra Recycling Network
- StopWaste.Org

Resources:

- CREEC Network
- Closing the Loop Curriculum
- Parents and Community Members
- EE Providers
- Teachers

Program Highlights

- School wide recycling program
- School waste materials are recycled
- Recycling program enhanced to include plastic trays used for student hot lunches
- Lunchtime recycling patrol
- Program expansion includes vermi-composting
- Recycling proceeds are donated to Sister John Marie's Pantry, a local charity
- Produced a commercial for the school to use to promote recycling

California Academic Content Standards

English Language Arts:

- 1.0 Writing Strategies
- 1.0 Listening and Speaking Strategies
- 1.4 Oral Communication

Science:

- I&E 5.6.a Classify objects in accordance with appropriate criteria.
- 6.6. Resources

Math: Statistics, Data Analysis, and Probability

- 5.1.2 Organize and display single-variable data in appropriate graphs and representations and explain which types of graphs are appropriate for various data sets.

