



STOPWASTE

The 4Rs Student Action Project

Free in-class program for 5th & 6th grade Alameda County public school classrooms!

Bring fun and educational 4Rs (Reduce, Reuse, Recycle and Rot) student action projects into your classroom. Engage students in addressing real environmental issues to take action at their school and in their communities!



What is the 4Rs Student Action Project?

Students learn about the waste problem and take action! A StopWaste Expert educator will visit your classroom and facilitate a 3-part series of 2-hour lessons that are aligned with Next Generation Science and CA Common Core Standards which includes:

Lesson 1

Students will be introduced to the 4Rs, Reduce, Reuse, Recycle and Rot, and how we need their help to take action to stop waste! They will learn how they are part of an ecosystem by becoming "Garbologists", or scientists who study garbage, and build background knowledge through hands-on activities like decomposer investigations.

Lesson 2

Students will perform a school waste audit using the scientific inquiry process. Students will analyze their audit data and further investigate environmental science concepts to develop a 4Rs student action project where they apply their knowledge and skills. Their action project will include creating outreach materials to communicate their findings and solutions for waste reduction to their school, households, and community

Examples of 4Rs Student Action Projects: creating a school-wide 4Rs pledge campaign, authoring books to educate younger reading buddies, creating green teams to monitor lunch waste reduction, educating Parent Teacher Organizations about the 4Rs, or making a poster campaign for a No Waste Lunch school.

Lesson 3

Students will take action to spread the 4Rs message to stop waste, celebrate their work and receive Certificates of Achievement for becoming 4Rs Action Heroes!

Why teach the 4Rs Student Action Project?

In 2008, Alameda County disposed 1.2 million tons of garbage into landfills including items that could have been reduced, reused, recycled, or rotted (composted). Our garbage consumes land, depletes natural resources, contributes to greenhouse gas emissions, impacts ecosystems and poses threats to our water and climate. Students can make a real authentic difference to stop waste while applying their knowledge and skills.

For more information and to schedule your *FREE* 4Rs Student Action Project, email Schools Coordinator, Arielle Conway at aconway@stopwaste.org, or go to www.StopWaste.org/Schools