

Recycling Survey

Grade

9

Topic: Waste
Grade: 9
Course: Science, Academic
Code: SNC1D
Duration: 2 x 75 minutes

Students will have the opportunity to design and implement a survey collecting data about community practices regarding waste disposal.

Curriculum Expectations

- HE3.01P – Plan and conduct a survey to determine the methods used in the community to reduce waste and conserve energy and water
- BY2.03 – Investigate environmental issues and produce a media presentation, written report, oral presentation, etc.

Background Information

This survey will be used to collect data on individual and group waste management attitudes and behaviours. Students will collect information about household and school recycling.

Accountability

Students will be made aware of the fact that individuals in their community have different views, practices and attitudes when it comes to waste management.

Teacher Notes

1. Students are to be put into groups of 4 or 5 and assigned a topic:
 - a. Awareness of recycling programs
Sample: does your municipality have a recycling program?
 - b. General feelings about recycling
Sample: your municipality needs to reduce the amount of its garbage
 - c. Specific attitudes and behaviours regarding recycling
Sample: you don't worry about the future of the environment
 - d. Reasons for the attitudes and behaviours about recycling
Sample: you recycle because your friends recycle
 - e. Views on alternatives
Sample: you take time to recycle other people's garbage
2. Within their group they are to design 5 survey questions suitable to the topic. Answers must be Yes/No or Agree/Disagree/Don't know
3. Groups share their 5 questions so that a 25-question survey is produced, prepared and given to students the following day. Survey should have room for three responses to each question.

4. Each student must survey 4 people outside the classroom.
5. Survey results are to be shared.
6. Data are to be collated by the group.
7. Each student will write a conclusion commenting on the results of the survey.

Home Extension

Students could survey additional members of their families and communities and follow up by making recommendations.

Lesson Comments

Teachers, feel free to add in your own comments for this lesson.