

Creating Change

Real World Ecosystems
Learner Worksheet
Grade Level: 5-8



Name: _____

After reading the Creating Change Backgrounder, answer the following questions. This worksheet is broken into 2 parts, A and B.

Part A

1. Describe a local environmental issue in your school or community.

2. Describe several possible impacts of the issue that has been identified.

Use the following steps to organize your eco-action.

3. Write a title for your eco-action plan.

Title: _____

4. Describe what you would like to change in your environment.

5. Identify and describe possible eco-actions that can help deal with the issue.

6. List materials needed.

**Part B: Double Your Paper Savings
Pre-Campaign Audit**

Survey Questions:

- A. Survey as many members of the teaching staff as possible. Summarize your survey results in the spaces below. On the back of the page, write the question number, e.g., #x, followed by reasons given by the educators.

The total number of educators surveyed: _____

1. Do you make two-sided photocopies for learner materials? Why or why not?

Number of Yes answers: _____

Number of No answers: _____

Explanations?

2. Do you have a paper reuse box in your classroom (for one-sided pieces of paper to be used for scraps, notes, etc.)? Why or why not?

Number of Yes answers: _____

Number of No answers: _____

Explanations?

B. Survey members of the office staff for the following question. Record numbered explanations on the back of the page.

The total number of office staff surveyed: _____

3. Do you save paper used on only one side and reuse it for other things (photocopying, making notepads, etc.)? Why or why not?

Number of Yes answers: _____

Number of No answers: _____

Explanations?

C. For the following two questions survey a number of learners. Record numbered explanations on the back of the page.

The total number of learners surveyed: _____

4. Do you use both sides of sheets of paper before recycling them? Why or why not?

Number of Yes answers: _____

Number of No answers: _____

Explanations?

5. If each classroom had a box for paper used on only one side, would you use the paper for scrap paper, etc.? Why or why not?

Number of Yes answers: _____

Number of No answers: _____

Explanations?

Start Monitoring

At the end of the first day of your recycle audit, spread the collected contents of all of the recycling containers onto a suitable surface. Separate the papers into:

- (a) those used on both sides, and,
- (b) those papers used on only one side.

Then, answer the following questions:

- What is the total number of all sheets of paper found in the recycling bins? _____
- How many sheets of paper have been used on only one side? _____
- What percentage of total recycled paper does this represent? _____ (To calculate the percentage, divide the number of sheets used on only one side by the total number of sheets and multiply the answer by 100.)

- How many sheets of paper have been used on both sides? _____
- What percentage of total recycled paper does this represent? _____ (To calculate the percentage, divide the number of sheets used on both sides by the total number of sheets and multiply the answer by 100.)

Post Campaign Audit

Survey Questions:

Ask a number of learners and staff the following questions. Summarize the answers in the spaces below.

Total number of people surveyed: _____

1. Were you aware of the Double Your Paper campaign?

Number of Yes answers: _____

Number of No answers: _____

2. What did you like or dislike about the Double Your Paper campaign?

Liked

Disliked

End Monitoring

At the end of the last day of your recycle audit, spread the collected contents of all of the recycling containers onto a suitable surface. Separate the papers into:

- (a) those used on both sides, and,
- (b) those papers used on only one side.

Then, answer the following questions:

- Total number of all sheets of paper found in the recycling bins? _____

- How many sheets of paper have been used on only one side? _____
- What percentage of total recycled paper does this represent? _____ (To calculate the percentage, divide the number of sheets used on only one side by the total number of sheets and multiply the answer by 100.)
- How many sheets of paper have been used on both sides? _____
- What percentage of total recycled paper does this represent? _____ (To calculate the percentage, divide the number of sheets used on both sides by the total number of sheets and multiply the answer by 100.)