

Student Name: _____

Class: _____

Due Date: _____

Introduction to Circular Economy

Welcome to the circular economy homework sheet! This worksheet is designed to help you learn more about the circular economy and how you can contribute to a more sustainable future. Please complete the activities and questions to the best of your ability.

Multiple Choice Questions

1. What is the main goal of a circular economy?

1. a) To reduce waste and promote sustainability
2. b) To increase consumption and economic growth
3. c) To reduce the use of natural resources
4. d) To increase the amount of waste produced

Answer: a) To reduce waste and promote sustainability

2. Which of the following is an example of a circular economy practice?

1. a) Buying a new product every time the old one breaks
2. b) Repairing a broken product instead of throwing it away
3. c) Using a single-use plastic water bottle
4. d) Buying a product with excess packaging

Answer: b) Repairing a broken product instead of throwing it away

Short Answer Questions

1. What is the difference between a linear economy and a circular economy? Please provide an example of each.

2. How can individuals contribute to a circular economy? Please provide at least two examples.

Case Study

Read the following case study and answer the questions:

Case Study: A company that produces clothing has implemented a circular economy practice by designing clothes that can be recycled and reused. The company collects old clothes from customers and recycles them into new products.

1. What is the benefit of this circular economy practice for the environment?

2. How does this practice benefit the company?

Design a Circular Product

Design a new product that incorporates circular economy principles. Please include the following:

- A description of the product
- A diagram or drawing of the product
- An explanation of how the product reduces waste and promotes sustainability

Reflective Journal

Write a reflective journal entry about what you have learned about the circular economy. Please include the following:

- What you learned about the circular economy
- How you can apply what you learned in your daily life
- What challenges you think you may face in implementing circular economy practices

Group Discussion

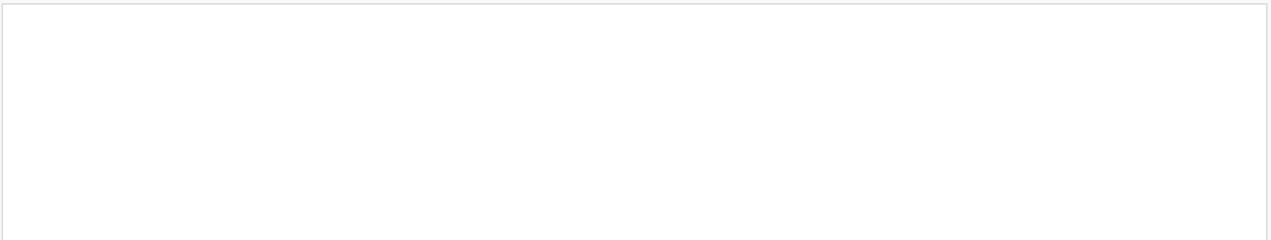
Discuss the following questions with your group:

1. What are some examples of circular economy practices in your community?
2. How can we promote circular economy practices in our daily lives?
3. What are some challenges that we may face in implementing circular economy practices?

Creative Activity

Create a poster or infographic that promotes circular economy practices. Please include the following:

- A catchy title and slogan
- Images or diagrams that illustrate circular economy practices
- A list of tips or ways to reduce waste and promote sustainability



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Word Search

Find the following words related to the circular economy in the word search:

- Reduce
- Reuse
- Recycle
- Repair
- Refurbish



Conclusion

Congratulations on completing the circular economy homework sheet! We hope that you have learned more about the circular economy and how you can contribute to a more sustainable future. Remember to reduce, reuse, recycle, repair, and refurbish to make a positive impact on the environment.