

Name: _____

Online Module Student Journal

Module 1: Introduction to Sustainability

Directions:

Complete the following questions as you follow along with the online module.

Introduction

Complete the following questions BEFORE you start the online module.

1. What do you think of when you hear the word “sustainability”?
2. What knowledge do you hope to gain by completing this module?

Section 1: What Is Sustainability?

Complete the following questions after you complete Section 1 of the module.

1. How are each of the three E's (environment, economy, equity [or social]) interconnected?
Respond in three to five sentences.
2. Why is it important to consider all three E's in business and in our society?
Respond in two or three sentences.
3. Describe what sustainability is and explain why it is important in your life.
Respond in three to five sentences.

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Section 2: Sustainability Key Terms

Complete the following questions after you complete Section 2 of the module.

1. Why is it important that we understand the vocabulary surrounding sustainability?
Respond in one or two sentences.
2. Name the word you chose for your comic strip and describe the comic strip that you created.
Respond in three or four sentences.

Section 3: Real-Life Sustainability

Complete the following questions after you complete Section 3 of the module.

1. What are two sustainable actions that are currently in place or could easily be implemented at your school?
Respond in two or three sentences.
2. What are two sustainable actions that are currently in place or could easily be implemented at your home?
Respond in two or three sentences.

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Module 1 Knowledge Check

Directions:

Complete the following questions after you have concluded Module 1.

1. Which of the following is the BEST definition of sustainability?
 - a. An intentional effort to utilize renewable resources as much as possible and minimize risk to the planet
 - b. Meeting the needs of the present without compromising the ability of future generations to meet their own needs
 - c. To successfully keep something going over a long period of time despite challenges that may come up
 - d. Stewarding environmental, economic and human resources to ensure there is no waste
2. What are the three dimensions of sustainability?
 - a. Environment, Economy and Equality
 - b. Entrepreneurship, Ecology and Equality
 - c. Environment, Economy and Equity
 - d. Environment, Entrepreneurship and Equity
3. Match the letter for the correct description to each dimension of sustainability.

_____ Environment

_____ Economy

_____ Equity

- a. Maximizing profit, reducing costs and mitigating risks through sound business practices
- b. Ensuring equitable access to education, health, well-being and community quality of life
- c. All the impacts people have on the natural world and resources around them

4. Which of these resources would be considered replenishable? (Circle all that apply.)
 - a. Solar
 - b. Coal
 - c. Gasoline
 - d. Water
 - e. Metals and Minerals
 - f. Wind

5. Match the following sustainability terms to their definitions.

_____ Climate Change

_____ Conservation

_____ Preservation

_____ Supply Chain

_____ Natural Resources

- a. The prevention of wasteful use of a resource
- b. The activity or process of keeping something valued alive, intact or free from damage
- c. Materials or substances that occur in nature and can be used for economic gain
- d. A network between a company and its suppliers to produce and distribute a specific product
- e. Significant change in climate that lasts for an extended period of time

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6. Circle all examples of corporate sustainable actions taken by various companies.
 - a. Sourcing ingredients and materials from suppliers that are grown, raised or otherwise produced in a responsible manner.
 - b. Investing in educational programs that showcase the products of the company and increase sales
 - c. Utilizing recycled materials and encouraging consumers to reuse the packaging from products in various ways around their homes
 - d. Creating employee resource groups that allow employees to share best practices, have conversations around equity and share resources with each other
 - e. Companies greenwashing their practices and leading the public to believe they are using responsible methods when they may not be
7. Circle all examples of sustainable actions that your school community could take.
 - a. Running the football field lights nightly, even when no game or practice is being held on the field
 - b. Students at your school start a recycling club that puts bins in every classroom and collects these materials daily to sort and take to a recycling center
 - c. Starting a composting program with school lunch waste
 - d. Using misprints from the copy machines and printers for scratch paper in classrooms
 - e. Buying new technology for all teachers and students every year
8. Circle all examples of sustainable actions you could take at home.
 - a. Planting a small garden to grow food and herbs for use in your home kitchen
 - b. Running your air conditioner or heater with the windows of your home open to the outside
 - c. Turning lights off when you leave a room or your house
 - d. Only operating the dishwasher or washer/dryer when you have a full load
 - e. Spending your entire paycheck as soon as you get it and having zero savings