

Name: _____

Date: _____

Eco-Footprint Analysis Worksheet

Complete the following questions on a separate sheet of paper. This activity can be done independently or in pairs.

Part 1: Understanding Your Ecological Footprint

1. Define Key Terms:

- What is an ecological footprint?
- How does a carbon footprint relate to overall sustainability?
- Explain the difference between renewable and nonrenewable resources.

2. Personal Impact Assessment:

- List three daily activities that contribute to your ecological footprint.
- Identify whether each activity primarily affects energy consumption, water use, waste production, or resource depletion.
- Rank these activities from most to least impactful and explain your reasoning.

3. Data Collection:

- Use an online footprint calculator to estimate your ecological footprint.
- Record your results: How many Earths would be needed if everyone lived like you?
- Compare your results with a partner and discuss any major differences.



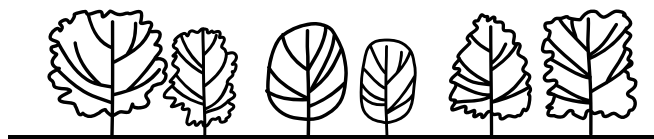
Part 2: Analyzing & Reducing Your Footprint

1.Examine the Results:

- **What surprised you most about your ecological footprint calculation?**
- **Which category (energy, water, waste, transportation, or consumption) had the highest impact?**
- **How does your footprint compare to the national or global average?**

2.Problem-Solving & Critical Thinking:

- **Choose one area where you can make an immediate improvement. What specific changes can you implement?**
- **Research one innovative solution or policy that has successfully reduced ecological footprints in another country. How could it be applied in your community?**
- **Discuss the long-term environmental and social consequences of high ecological footprints.**



Part 3: Action Plan for Sustainability

1.Set a Personal Goal:

- **Identify one sustainable habit you will adopt for the next month.**
- **Describe how you will track your progress and stay accountable.**

2.Community Engagement:

- **How can you encourage your school, family, or community to reduce their ecological footprints?**
- **Propose a small-scale initiative (e.g., awareness campaign, school recycling program, water conservation effort) and outline the steps needed to implement it.**