

Name \_\_\_\_\_ Date \_\_\_\_\_ Class \_\_\_\_\_

## Evidence of Consumption

### Part One: Evidence of Consumption in My Backyard

Use Google Maps (or Earth) at [maps.google.com](https://maps.google.com) to find your school. Then find your home.

- What are some observable features that help you find where you are on the map?

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- Zoom out and look at your town or city. What evidence of human activity do you see (e.g., agriculture, city development, industry, power plants, railways, ports, zoos, parks, sport complexes)?

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- What evidence of consumption do you see? Fill in the chart below.

Food	Goods	Energy

- How does your city and its surroundings show evidence of its ecological footprint and biocapacity (natural productive areas)?

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- Go to Google Timelapse at [earthengine.google.com/timelapse](http://earthengine.google.com/timelapse), and watch a couple of the location tours. Then search for your city and watch the tour. How have your city and its surroundings changed over time? Be as specific as possible.

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**Part Two: Evidence of Global Consumption**

1. Explore one or both of the following NASA websites:

<https://climate.nasa.gov/images-of-change>

<https://earthobservatory.nasa.gov/Features/WorldOfChange>

2. What are some observable examples of **natural** change?

Location	Image 1: Year	Image 2: Year	Describe the Change Over Time

3. What are some observable examples of **human-caused** change?

Location	Image 1: Year	Image 2: Year	Describe the Change Over Time

4. What evidence of consumption do you see? Fill in the chart below.

<b>Place</b>	<b>Examples of Food Consumption</b>	<b>Examples of Goods Consumption</b>	<b>Examples of Energy Consumption</b>