The Language of Science

Grade Level: High School / College Intro
Objective: To understand how scientific terms are formed, identify prefixes, suffixes, and root words in science vocabulary, and use them correctly in context.



Section 1: Match the Scientific Prefix with Its Meaning

Instructions: Match the prefix to its correct meaning by dragging the correct meaning next to the prefix.

Prefix	Match to Meaning
1. **bio-**	a. heat
2. **geo-**	b. life
3. **thermo-**	c. earth
4. **auto-**	d. self
5. **hydro-**	e. water

LIVEWORKSHEETS

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Section 2: Word Construction Challenge

Instructions: Form a scientific term using the given root, prefix, and suffix. Write your answer in the box.

Prefix	Root	Suffix	Your Word
bio-	-log-	-y	1. _____
micro-	-scop-	-e	2. _____
geo-	-therm-	-al	3. _____
hydro-	-phob-	-ic	4. _____

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Section 3: Fill in the Blank with the Correct Scientific Term

Instructions: Choose the most appropriate scientific term based on the context. Type your answer.

1. The study of life is called _____.
2. A device used to observe small objects is a _____.
3. A _____ reaction gives off heat.
4. A _____ organism can live without the help of others.
5. _____ energy comes from the heat within the Earth.

Section 4: Sentence Rewrite Challenge

Instructions: Replace the underlined everyday phrase with a correct scientific term formed using roots/prefixes/suffixes.

1. She's studying the **process of life**.
   → She's studying _____.
2. This plant hates **being near water**.
   → This plant is _____.
3. The machine uses **earth heat** for power.
   → The machine uses _____ energy.

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