



Word Wall Resources

Grade 5, Module 3: H₂O Response Team

Below you will find the following resources to help you and your students work with the terms in this module's **academic word wall**:

- Definitions, word types and context sentences for each term
- Vocabulary cards to print and cut out.

| Term | Word type | Definition | Context Sentence |
|---------------------|---------------|--|--|
| atmosphere | noun | the layer of gases around Earth, including nitrogen, oxygen, and carbon dioxide | There are many interactions between the atmosphere, hydrosphere, and biosphere. |
| biosphere | noun | all the living things on Earth | There are many interactions between the hydrosphere and the biosphere. |
| campaign | noun | a planned set of activities that are intended to achieve a certain aim, especially to persuade people of something | We are creating a campaign to raise awareness about water shortages. |
| climate | noun | the typical weather conditions in an area over a long period of time | Weather and climate are affected by the atmosphere. |
| constraints | noun (plural) | rules or limitations | One of the design constraints for our campaign is that it has to be a morning public announcement. |
| criteria | noun (plural) | rules, standards or goals against which something can be judged, evaluated or measured | One of the design criteria for our campaign is to spend as little as possible. |
| desalination | noun | the process of removing salt from seawater | Seawater isn't drinkable, but we can make it drinkable using the desalination process. |

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| fair tests | noun (plural) | experiments carried out to answer a testable question, in which only one variable is changed at a time | Today I carried out fair tests to improve aspects of my design. |
| geosphere | noun | all of the Earth's rocks and soil | The hydrosphere and the geosphere interact because there are small amounts of water in the geosphere. |
| hydrologist | noun | a scientist who studies water | We are working as hydrologists to come up with ways of saving water. |
| hydrosphere | noun | all the water on Earth | Many organisms depend on the hydrosphere to survive. |
| hydrosphere system | noun | all the different, connected parts of Earth's water, such as oceans, lakes, rivers, and rain | Oceans, lakes, and ponds are all part of the hydrosphere system. |
| interact | verb | to communicate with or react to each other, have an effect on each other | We carried out an investigation to see how the different spheres interact. |
| interaction | noun | when two things are acting on each other | Due to an interaction between the geosphere and hydrosphere, the Mojave Desert is drier than other places. |
| organism | noun | any living thing, such as a plant, animal, or bacterium | Ecosystems are full of different organisms. |
| pollute | verb | to add something dirty or harmful to an environment | Litter can pollute rivers and seas. |
| pollution | noun | something dirty or harmful that is added to an environment, or the process of adding such things | Pollution negatively affects all different kinds of organisms, on land and in the sea. |
| salination | noun | the process of adding salt to something | We modeled salination by treating water with salt to make salt water. |
| saline | adjective | containing salt | Ocean water has salt in it, so it is saline. |
| salinity | noun | the amount of salt in a substance | We did an experiment to measure the salinity of seawater. |
| watershed | noun | an area of land where all the water drains off and goes to a common outlet | The watershed of the Colorado river covers seven US states and parts of Mexico. |
| weather | noun | the state of the atmosphere (the temperature, precipitation and wind) in a particular time and place | Weather and climate are affected by the atmosphere. |

G5 H2O Response Team DQ1 L1

campaign

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hydrologist

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hydrosphere

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organism

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biosphere

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watershed

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hydrosphere
system

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pollution

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pollute

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G5 H2O Response Team DQ3 L1

atmosphere

·twigScience

G5 H2O Response Team DQ3 L1

weather

·twigScience

G5 H2O Response Team DQ3 L2

interaction

·twigScience

G5 H2O Response Team DQ3 L2

interact

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G5 H2O Response Team DQ3 L5

climate

·twigScience

G5 H2O Response Team DQ3 L3

geosphere

·twigScience

G5 H2O Response Team DQ4 L1

saline

·twigScience

G5 H2O Response Team DQ4 L1

salinity

·twigScience

G5 H2O Response Team DQ4 L5

desalination

·twigScience

G5 H2O Response Team DQ4 L1

salination

·twigScience

G5 H2O Response Team DQ5 L1

criteria

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constraints

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fair tests

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