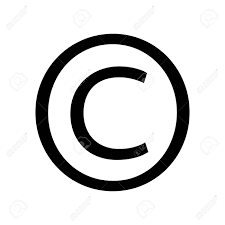
**Biotic & Abiotic Factors Digital Interactive Activity**

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**Directions:** Click on each activity link in order, and then respond to each question within that activity.

|  |  |
| --- | --- |
| **Activity** | **Response** |
| [**Explore**](https://sciencing.com/definition-abiotic-biotic-factors-8259629.html)  **Image result for lap top clip art** | **Explore this website about abiotic & biotic factors. Write five pieces of information that you found most interesting and explain why. Complete Data Table.**   |  |  | | --- | --- | | **Information** | **Explanation** | | **1.** |  | | **2.** |  | | **3.** |  | | **4.** |  | | **5.** |  |   **How can changing abiotic and biotic factors in an ecosystem cause it to change? Type Answer Here:** |
| [**Examine**](https://betterlesson.com/lesson/resource/3221778/pictures-for-abiotic-and-biotic-interactions) | **Examine these photos of ecosystems that contain abiotic and biotic factors interacting. Type your answer following each question:**   1. **What was one ecosystem you were already familiar with?** 2. **List three biotic factors from one of the photos.**   **A.**  **B.**  **C.**   1. **List two abiotic factors from one of the photos.**   **A.**  **B.**  **4. Choose one of the pictures and explain how the non-living and living factors**  **depended on one another. Type your response here:** |
| [**Watch**](https://www.youtube.com/watch?v=fX31EymLQZQ)  **Image result for video clip art** | **Watch this video on abiotic & biotic factors. Summarize what you learned from the video on abiotic and biotic factors below in 2-3 sentences:**  **Which example from the video did you like best? Why? Write your response here:** |
| [**Learn**](http://studyjams.scholastic.com/studyjams/jams/science/ecosystems/ecosystems.htm)  **Image result for light bulb clip art** | **Learn about abiotic and biotic factors! Then, type your answer following each question:**   1. **How do plants help ecosystems?** 2. **How do animals help ecosystems?** 3. **Why is rain important in an ecosystem?** 4. **What would happen to an ecosystem if biotic and abiotic factors did not work together?** |
| [**Compare**](https://qph.fs.quoracdn.net/main-qimg-898ebe740738424da887c5bf9395bfb2)  **Image result for compare and contrast** | **Compare and contrast abiotic and biotic factors! Then, complete the table.**   |  |  | | --- | --- | | **Example:** | **Biotic or Abiotic?** | | 1. **water** |  | | 1. **flower** |  | | 1. **bunny** |  | | 1. **sunlight** |  | | 1. **temperature** |  | | 1. **bacteria** |  |   **How are the biotic factors of these two ecosystems different? Type Answer here:** |
| [**Read**](https://docs.google.com/document/d/1XGQJ0Xy_ReJwukvMqXwcc2WPDoDjskycZY4z2hKostA/edit?usp=sharing)  **Image result for glasses clip art** | **Read this article about how Antarctic animals are in danger of losing a major food source- krill (a biotic factor) Write a summary paragraph of the cause and effects of this problem. Type Paragraph Here:** |
| [**Infer**](http://newhavenscience.org/4STCEcoLesson3.pdf)  **Image result for question mark clip art** | **Read this information about biotic and abiotic factors in an aquarium. Then, type your answer following each question:**   1. **If there is no water can anything grow or survive? Why?** 2. **Why was algae added to the aquarium?** 3. **Why do you think it is called “duckweed”?** |
| [**Analyze**](http://hug-fu.com/g/2/ko/koi-goldfish-cross-breed-ecosystem-ponds-just-water-clear-pond-can-and-live-in-the-same-tank-dreampond-show-eat-food-fish-together-architecture-genki-fancy-860x645.jpg) | **Analyze this picture of a pond ecosystem. Then type your answer following each question.**   1. **How does the fish depend on the abiotic factors to survive?** 2. **How does sunlight, an abiotic factor, help the plants (biotic factors)?** |

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