

Name: _____ Class: _____ Date: _____

1. _____ or _____ is an example of a wetland.
2. Name three things that wetlands do
 - a. _____
 - b. _____
 - c. _____
3. Wetlands are found _____.
4. How do wetlands soak up floods?
 - a. _____
 - b. _____
5. Are wetlands the same as quicksand?
6. A wetland is formed where a _____ is running through the _____ floor.
7. A _____ is where water from a _____ mixes with water from the _____.
8. What is a peat bog? _____
9. Scientists figure that about _____ of the world's _____ depend on wetlands.
10. True or False: Wetlands can be rebuilt after hundreds of years.
11. Wetlands also serve as _____ for contaminants that would otherwise make their way out to the ocean.
12. What percent of California's wetlands have been altered?
13. Wetlands are _____!
14. We have destroyed over _____ of our wetlands.
15. What can you do to help protect Florida's wetlands?
 - a. _____
 - b. _____

Answers to Questions Above

1. ___ **Wetland** ___ or ___ **Marsh** ___ is an example of a wetland.
2. Name three things that wetlands do
 - a. **Control floods**
 - b. **Filter water**
 - c. **Provide a home for living things**
3. Wetlands are found ____ **All over the World** ____.
4. How do wetlands soak up floods?
 - a. ____ **Water molecules stick together** ____
 - b. ____ **Plants slow water down** ____
5. Are wetlands the same as quicksand? **Yes**
6. A wetland is formed where a ___ **stream** ___ is running through the ___ **forest** ___ floor.
7. An ___ **estuary** ___ is where water from a ___ **river** ___ mixes with water from the ___ **ocean** ____.
8. What is a peat bog? ____ **river of soggy soil** ____
9. Scientists figure that about ____ **1/3** ____ of the world's ____ **endangered species** ____ depend on wetlands.
10. True or **False**: Wetlands can be rebuilt after hundreds of years.
11. Wetlands also serve as ___ a sponge ___ for contaminants that would otherwise make their way out to the ocean.
12. What percent of California's wetlands have been altered? **90%**
13. Wetlands are ___ **Great! Fabulous!! Wonderful!!!** ___!
14. We have destroyed over ____ **half** ____ of our wetlands.
15. What can you do to help protect Florida's wetlands?
 - a. ____ **Write to a Congressman (City Hall Councilor, MP or MPP in Canada)** ____
 - b. ____ **Tell people what you know about wetlands** ____

Constructed Wetlands

Look up some websites or videos on Constructed Wetlands and try to find one that you find easy to understand. There are a lot of very technical videos and reading but there are some that are good too.

Use the information that you find to answer the following questions.

What are the benefits of constructed wetlands?

Why are they good for the environment?

How big are the constructed wetlands?

What are some organizations or companies that help build or support constructed wetlands?

****Interestingly, now that we know more about wetlands, we are replacing them and using them to help the environment and reducing the impact humans have on the ecosystems by letting wetlands do what they do.**

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What are the benefits of constructed wetlands?

Constructed wetlands help clean the water by naturally filtering it and this provides a healthier habitat for wildlife or aquatic life and also prevents algae growth. It is also possible to use constructed wetlands to that filter water effluent in larger wastewater treatment systems. They improve the water quality of wastewater so that it is cleaner and less harmful to the environment.

Why are they good for the environment?

Constructed wetlands use a natural process to filter and treat water instead of using chemicals and expensive machinery and systems to treat water that could harm the natural environment. It also uses plants that provide a carbon sink and take out harmful greenhouse gases from the environment.

How big are the constructed wetlands?

Constructed wetlands can be very large, however, they are often within a few or several hectares. Some are big enough to treat small municipalities and treat the runoff from mines. Others are small and are intended to treat a pond or since household.

What are some organizations or companies that help build or support constructed wetlands?

Here is a link to companies in Canada that design and build constructed wetlands:

<https://www.environmental-expert.com/companies/keyword-constructed-wetlands-3343/location-canada>

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