



High School Science Virtual Learning

Environmental Science

Earth Day

May 18, 2020



High School Environmental Science

Lesson: May 18, 2020

Objective/Learning Target:

Students will be able to understand the importance of Earth Day.

1. What exactly is species reintroduction?
2. What are some of the issues with captive breeding for reintroduction?

1. Basically, it is the release of captive born animals to areas where they once existed.
2. Cost, difficulty of some species for captive breeding, lack of learned knowledge, and single event catastrophe's are the main issues with captive breeding for reintroduction.



Lesson Activity:

Directions:

1. Read the article and watch the video linked below. As you do that, take careful notes about the importance of Earth Day.
2. Create a poster (doesn't have to be a big poster) that portrays the importance of Earth Day and why it is something that should be celebrated. This is like an announcement of Earth Day and would be posted ahead of time to educate people about Earth Day and the why behind it.

Link(s):

[Article](#)

[Video](#)



Practice

You will use the information from the activity on slide 5 to answer the following questions.



Practice Questions

1. What day does Earth Day fall on?
2. Why do we celebrate Earth Day?
3. When did we start celebrating Earth Day?
4. What are two examples of legislation that gained support because of the first Earth Day?
5. When did Earth Day go global?



Answer Key

Once you have completed the practice questions check with the work.

1. April 22nd is Earth Day every year.
2. We celebrate Earth Day to honor the achievements of the environmental movement and raise awareness of the need to protect Earth's natural resources for future generations.
3. The first Earth Day was April 22, 1970.
4. The Clean Air Act and the Endangered Species Act both gained support because of the first Earth Day.
5. Earth Day went global in 1990.



More Practice

You will use the information from the activity on slide 5 to answer the following questions.



More Practice Questions

1. How has our population changed since the first Earth Day?
2. Why is it a bad thing we are in closer contact with wildlife?
3. How much more plastic per capita are people using now compared to 1970?
4. How much has our wind power capacity increased since 1970?
5. How much more marine areas are we protecting now compared to 1970?



Answer Key

Once you have completed the practice questions check with the work.

1. Population has more than doubled since 1970.
2. Three quarters of new infectious diseases originate in animals.
3. People are using 447% more plastic per capita than they did in 1970.
4. Wind power currently has 32 times more wind capacity than we did in 1970.
5. Compared to 1970 we are protecting 27 million km² more marine areas.



Additional Resources

Here is the official website for Earth Day: [Earthday.org](https://www.earthday.org)

This article provides more information on the origin story behind Earth Day: [Earth Day Origins](#)

Earth Day has an international counterpart, did you know that? Here is more information on International Mother Earth Day: [International Mother Earth Day](#)