

## **Observation:**

# **Interconnectedness**

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1. The instructor gives a small lecture on the interconnectedness in nature: How everything is affected and dependent on one another, and how all life is reliant on the sun.
2. Choose a plant, or an animal, in your surroundings that everybody is familiar with.
3. Divide everyone into groups and go as far away from each other as needed, so nobody is able to hear the other groups.
4. The groups now work together for 15 minutes to come up with as many examples of interconnectedness of the chosen animal or plant.
5. The groups meet again and compares their examples. Which group came up with most examples?
6. Let the brainstorm continue and find as many examples as you can. What is the total number you can find together?

## **Research and discussion:**

# **Historic perspectives**

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1. The instructor explains the outline of the tasks and decides if it is to be performed all together or in groups.
2. Timeline of life on earth: Look up in books or on the Internet for a timeline displaying life on earth. Make (or print) an illustration of it.
3. Timeline of human evolution: Now focus on the period of life's existence on earth where humans have been around. On the Internet you can search for "human history" and "human evolution". Make (or print) an illustration of this to illustrate the historic perspectives of human existence.
4. Now focus on the past hundred years and see how small it will look on your illustrations. In this small period of time dramatic things have happened: The number of humans worldwide have doubled many times. The use of nature's resources has doubled just as many times, and human impact on the globe is very visible. This is a huge concern to many scientists observing the balances of the planet.
  - What are your concerns of nature if this development continues the same way?