



IT'S TIME TO CARE!

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ERASMUS+ 2018-2020

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Experiment carried by the team of Olaines 1.vidusskola on the topic Sustainable Use of Land

Materials:

- Small sterile lab dishes
- Tablespoon
- Plastic dropper
- Ziploc bags
- Labeling tape
- Universal pH indicator and color table
- Marker
- Water

Procedure:

- Identify 4 different objects of pollution in your city.
- Collect 1 spoon soil samples from the area immediately surrounding the stations.
- Store the soil samples in individual Ziploc bags and label them with the location in which you found them.
- Collect 1 spoon soil samples from urban, suburban and rural areas away from dirty places. Collect at least 4 such samples.
- Place a small portion of each sample into an individual lab dish and label them.
- Cover each sample partially with water droplets and add a couple of drops of the universal pH indicator.
- Observe the samples carefully and record the pH, using the color table as a guide.

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