

## Temperature of the planet

The air temperature changes during the day and during the year. Its "normal" course is often influenced by other phenomena (wind, air humidity, cloudiness) and these changes are more or less regular. But scientists believe that average temperatures have been rising in recent years. How is it with you? Learn how to measure temperature and explore how it changes throughout the year in your home. Compare this annual temperature with long-term data.

### Temperature measurement

#### Task No.1

Estimate the temperature of the earth's surface at two different locations in the city:

	Location 1	Location 2
Name of the location		
Description of the location (proportion of buildings x vegetation, type of surfaces)		
Temperature estimate		

#### Task No.2

Measure the temperature of the Earth's surface at selected locations:

	Location 1	Location 2
Temperature measured with a thermometer		

**Project:** ACC03P30 „Awareness raising on climate change mitigation and adaptation among school pupils and the public“. The project has been co-financed from the Norway Grants and from the State Budget of the Slovak Republic

**Applicant:** Spojená škola, Námestie sv. Martina 5, 908 51 Holíč

Think about this: Does your original estimate match the measured results? What is different?

### Task No.3

Compare the temperature of the Earth's surface in different vegetation:

- a) under a tree with a wide crown
- b) under a young tree with a narrow crown
- c) in tall grass
- d) in cut grass