

Climate and weather in the National Core Curriculum (2012) of Hungary

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Objectives

Scientific education

Improving the harmony among the individuals, the communities and the nature

The experimentation, the observation, developing the scientific mentality, adaptable knowledge

Climate and weather



OBSERVATION



"Millions saw the apple fall,
but Newton was the one
who asked why."
-Bernard Baruch



Developmental fields

**Outstanding developmental objective:
sustainability
environmental awareness**

Natural scientific
competence

Technical
competence

Digital
competence

Processing the topic of weather and climate
has a great role in realization

**Environmental studies
(1-4. class)**

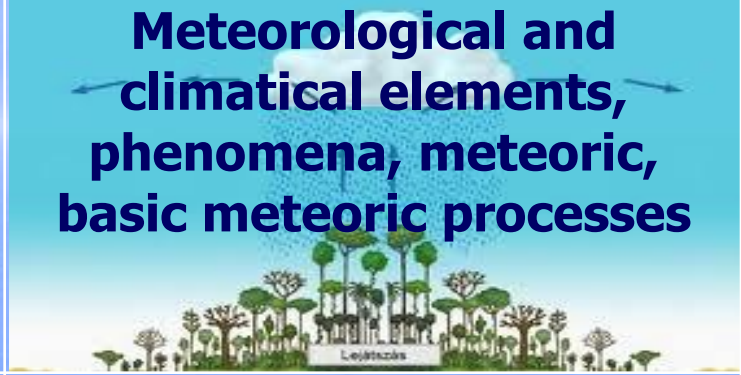
**Science
(5-6. class)**

**Geography
(7-10. class)**



Observations relating to weather, descriptions, drawings

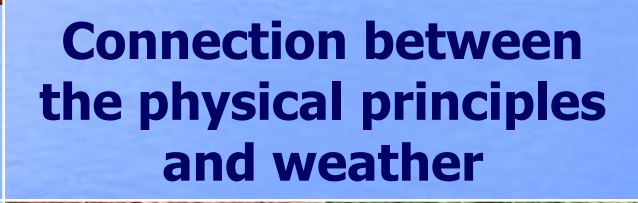
Relations between the learnings about aggregate-change and chemical reactions with the meteorological-geological phenomena



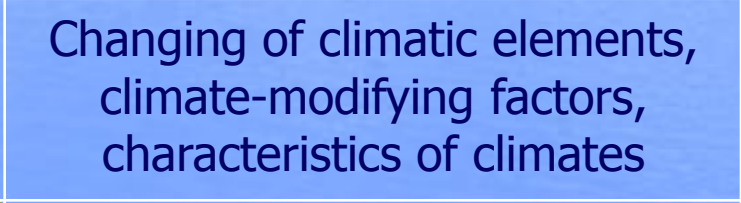
Meteorological and climatical elements, phenomena, meteoric, basic meteoric processes



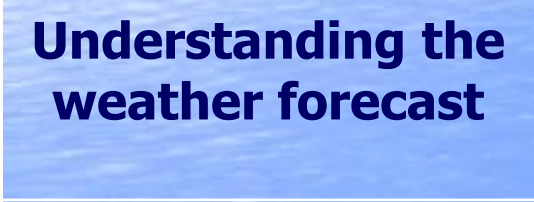
Weather data, pictures, maps



Connection between the physical principles and weather



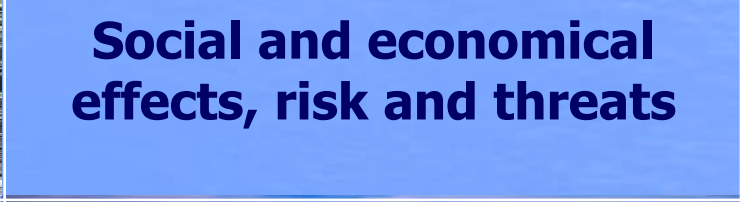
Changing of climatic elements, climate-modifying factors, characteristics of climates



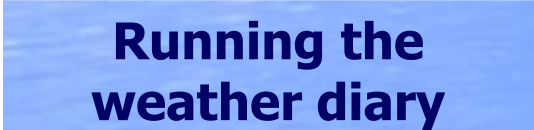
Understanding the weather forecast



Observing the changing of weather and seasons



Social and economical effects, risk and threats



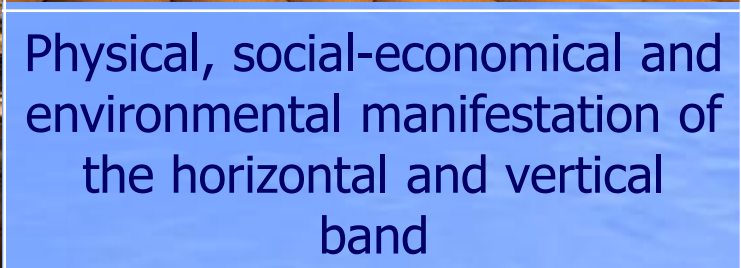
Running the weather diary



Introducing to zonality



The system of zonality



Physical, social-economical and environmental manifestation of the horizontal and vertical band