



Erasmus+  
Programme Your Future



## COMPUTATIONAL THINKING - LESSON SCRIPT

**Author information:** Name: Siiri Saks  
School: Martna Põhikool

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**Lesson information:** Subject: Geography  
Duration: 45 minutes  
Grade: 7  
Age: 13  
Topic: Mountain Ranges

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**The curriculum specifications and requirements:** The Second Stage of Study, Grade VII  
Pupil will be able to:

- Know the Largest Mountain Ranges
- Know the Highest Peaks in the World
- Compare the Mountain Ranges

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**The aims of the lesson:** Pupil:

- Has an overview of the world's mountains
- Names and shows them on the maps
- Names and shows the highest peaks on the map

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**Previous knowledge:** Pupil:

- Knows the landforms and is able to conceive them on the map
- Knows the meaning of mountain, slope, foot, landform(relief)

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**The forms of work:**

- Pairwork
- Groupwork
- Individual work

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**The methods of work:**

- A two-minute conversation
- Watching a video
- Discussion
- Work with the map

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**Teaching aids:**

- Internet-connected computer
- Projector
- Computers (tablets) for every student

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- Map of the geographical zones of World
  - World Atlas
  - Contour maps
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**The range of using ICT:**

- The presentation and delivering of information
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**The course of lesson:**

- **Teacher activities**
- **Pupil activities**
- **The schedule**

1. Evocation (7 min)
    - Informing the aims and objectives of the lesson
    - Introduction on the topic: Watching the topic based video and writing the keywords based on video  
[https://www.youtube.com/watch?v=pEW0xP\\_EtMI](https://www.youtube.com/watch?v=pEW0xP_EtMI)
    - A two-minute conservation based on the previously watched video <https://www.youtube.com/watch?v=WxuCfDRpUXA>
  2. Learning (33 min)
    - Multiple choice test using the program Kahoot  
<https://create.kahoot.it/#quiz/3d6576ae-3255-40e5-a844-b9488646ae65>
    - Studying the geographical locations of the mountain ranges and their highest peaks <https://learningapps.org/2064840>
    - Working with the wall maps and contour maps. Showing the mountain ranges on the geographical maps and marking them on the contour maps
    - Stating the problems (in pairs)
      - How to conquer mountain top?
      - What kind of conditions and risks you may have?
      - What kind of equipment do you need?
  3. Reflection (5 min)
    - Keyword summary on the topic
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**Specific information:**

- **Programs**
- **Links**
- **Etc**

- Kahoot! must be installed on the tablets
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**Attachments:**

- **Worksheets**
- **Programs**
- **files necessary**
- **Etc**

- <https://www.youtube.com/watch?v=WxuCfDRpUXA>
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