



Erasmus+
Programme Your Future



COMPUTATIONAL THINKING - LESSON SCRIPT

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Lesson information: Subject: Estonian language

Duration: 45 minutes

Grade: 6

Age: 12

Topic: Cases of Estonian language. Declension.

The curriculum specifications and requirements:

The Second Stage of Study, Grade VI

Pupil will be able to:

- recognizes Estonian language types of word types;
 - recognizes the types of nominals: noun, adjective, numeral, pronoun;
 - knows the cases of Estonian language and their questions and meanings;
 - is able to form singular and plural forms of rotation;
 - follows using the technical tools the safety and intellectual property protection requirements;
 - uses consciously the possibilities of the information society for the learning assignment.
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The aims of the lesson:

Pupil:

- knows how to form the correct word declension form according to the number and question;
 - can form the learning exercise related to the topic;
 - follows using the technical tools the safety and intellectual property protection requirements;
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Previous knowledge:

Pupil:

- knows Cases of Estonian language and its questions;
 - can use ÕS-i (www.eki.ee) for checking declension forms;
 - can solve the interactive exercises;
 - knows the programming environment Tynker;
 - can read and work the work instructions;
 - recognizes Today'sMeet.
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The forms of work:

- An Individual work;
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- A pairwork;
 - LearningApps;
 - eki;
 - Tynker;
 - Youtube;
 - TodaysMeet.
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- The methods of work:**
- An interactive exercise;
 - Guided conversation;
 - A pairwork;
 - Giving feedback.
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- Teaching aids:**
- Internet-connected computer
 - Projector
 - Computers (tablets) for every pair of students
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- The range of using ICT:**
- Performing interactive exercise;
 - Solving the programming task;
 - If necessary watching a video from youtube;
 - Giving feedback.
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- The course of lesson:**
- **Teacher activities**
 - **Pupil activities**
 - **The schedule**
1. Introduction (up to 2 min)
 - Greeting and informing the aims and objectives of the lesson
 2. Evocation (6 min)
 - An interactive exercise: A tuneup exercise
 - Guided discussion – how did they succeed, what was well done, which still needs to be reviewed. Learning (4 min)
 3. Programming an animated learning task (25 min)
 - Forming pairs – <http://teamup.aalto.fi/>; It has been done before in the last lesson. Students have made their homework and prepared the basis of the instruction manual. The teacher has reviewed it and given the feedback. Working with an animated task with Tynker. Teacher guidance if needed or watching the video from Youtube: Tynkeri töötuba
 - Testing of completed learning tasks (8min)
Students testing each others works.
 4. Reflection (4 min)
 - Students are giving feedbacks about the process of their works and the solving learning tasks according to the instructions in the web environment TodaysMeet: Feedback.
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- Specific information:**
- **Programs**
 - **Links**
 - **Etc**
- It is recommended to use the Tynker's web version. If they are using tablets, the app will be installed before the lesson.
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- Attachments:**
- **Worksheets**
 - **Programs**
 - **files necessary**
 - **Etc**
- TeamUp
 - Tynker
 - TodaysMeet
 - Youtube
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