



Erasmus+
Programme Your Future



COMPUTATIONAL THINKING - LESSON SCRIPT

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Lesson information: Subject: Geography
Duration: 45 minutes
Grade: 6
Age: 12
Topic: Towns in Estonia

The curriculum specifications and requirements: The Second Stage of Study, Grade 6
Pupil will be able to:

- Know Estonian towns

The aims of the lesson: Pupil:

- Knows Estonian regional centres and shows them on the map
- Knows the largest towns in Estonia and shows them on the map

Previous knowledge: Pupil:

- Knows the concept of town
- Knows the meaning of regional centre

The forms of work:

- Pairwork
- Groupwork
- Individual work

The methods of work:

- A game *Alias*
- A game *Me too*
- Active learning methods

Teaching aids:

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

The range of using ICT:

- The presentation and delivering of information

The course of lesson: 1. Evocation (7 min)

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- **Teacher activities**
 - **Pupil activities**
 - **The schedule**
- Informing the aims and objectives of the lesson
 - Playing a game *Alias* in groups to memorize and repeat the concepts related to the lesson (town, regional centre, settlement, county)
 - Playing a game *Me too* (I have been to, I liked, I know that)
2. Learning (28 min)
- Filling the worksheet (I know, I want to know more, I found out). Presentations of the towns in Estonia.
 - Working with the program
<https://www.tynker.com/play?p=58da485d949b56f3498b456f>
 - Ranking of towns in size, population and accrual basis, finding in groups the “Capitals of Estonia”, filling of the worksheets
 - Working with the program
<http://www.tynker.com/play?p=58f38f185ae029d10e8b4577>
 - Studying individually the towns of Estonia
 - Working with the wall maps and contour maps. Finding the towns from the maps and marking them on the contour maps
 - Stating the problem (in pairs)
 - What kind of impact will urban growth contribute to Estonian nature?
3. Reflection (10 min)
- Finding the leaved forest animals from the puzzle, filling the table under the correct title and writing an animal role play (Who are you? Where do you live? How do you look like? What is your message to the world?)
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Specific information:

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

- It is better to use Tynker web version. If tablets are in use app must be downloaded before the lesson.
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Attachments:

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

- Worksheet (I know, I want to know more, I found out).
<https://docs.google.com/document/d/1Npp-7fuYPVHxWLNO1zJQxpq2neIdX7YDp5JV14H8ZUw/edit?usp=sharing>
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