Spolufinancováno z programu Evropské unie Erasmus+

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Triangles

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Age: 13-15

Time: 1 Craft lesson

Objectives:

- summary and taking in of knowledge about triangles
  - properties of shapes
  - division by angles and sides
  - constructions
  - circumscribed and inscribed circles
  - area and perimeter
  - medians and height
- learn with mind maps
- learn with the NotebookLM app

You will need:

- iPad, laptot or PC
- applications: https://notebooklm.google.com/

Lesson Structure:

Part 1 - presentation
- what are mind maps for
- where is NotebookLM located
- how can we use Notebook (including mind maps)
- process to follow for working with NotebookLM

Part 2 - implementation

- student login - access to school account via a digital device (tablet, notebook, PC)
- launch the app - open the NotebookLM tool
- search for materials - gradual collection of relevant sources in the required formats (e.g. YouTube videos, PDF documents, web links)
- data entry - continuous uploading of collected materials via the option "Add resources"
- processing the output – entering instructions for creating a mind map
- follow-up work – using NotebookLM for further follow-up activities and asking questions

Part 3 – reflection

- criteria of correctness – checking whether the map correctly captures the main topic, key concepts and logical connections between them
- working with the too
  What was easy to use NotebookLM and what was difficult?
- quality of resources
  How did the students manage to select relevant YouTube videos and PDFs? Which resource helped them the most in the end?
- learning from the process
  Did the visual arrangement into the map help them better understand the topic?

Triangle Mindmap

Vychází z 21 zdrojů



Triangle Mindmap

Vychází z 21 zdrojů

