

Second round of the research

Jakub Jareš and Tereza Suchopárová



Introduction

- Teachers prepared a lesson
- We have visited the classes and observed
- We were helping the students work with GG if needed
- After the lesson there was a discussion
- Students shared with us their opinion



Cutting cubes and other solids

Parametric equations of a line

Angles between sides of various

Mutual position of two lines

Inequations with abolute value

Introduction of exponentional

with a plane

solids

Trigonometry

functions

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School	Class	Teacher	Number of previous	Торіс

Marek Vejsada

Irena Štrausová

Hana Mahnelová

Eva Vortelová

Marie Stejskalová

Pavel Kolář

Jitka Nováková

Septima +

Septima

(lyceum)

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(vocational school)

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PC lessons

Every week

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Second round of the research

▶ Students see the following advantages:

- + Illustration, transparency
- + Better imagination
- + Quicker evaluation
- + The Trial and Error method
- + No need for ruler and other tools
- + Good for geometry and functions
- + Everyone can try it
- + Practice
- + More examples





Second round of the research

Students see the following disadvantages:

- Teaching new topics
- Technical issues
- Problems with using GeoGebra
- Slower lessons
- No notes and feedback
- No need to learn <- no testing
- Internet problem to stay focused on the topic
- Not suitable for every topic

