

Type of material: Part of lesson plan

Subject: Mathematics

Topic: Statistics. Percent

General competencies developed during the lesson:

transdisciplinarity, design-thinking and virtual cooperation.

Digital study materials developed for the lesson:

<https://www.thinglink.com/scene/1152506275729244162>

Objectives:

1. Student understands the definition of “percent, percentage”;
2. Student knows the notion of a chart;
2. Student is able to apply basic formulas to calculate the percent;
3. Student is able to analyze information and highlight the most significant information, generalize, systematize and present it.
4. Students can work in a group (using virtual cooperation), supporting and motivating each other;
5. Student is able to present the result of the group work through interactive tools.

A. Introduction:

- Activating pre-knowledge. Students will follow the link and try to complete the task. Exercises are made using sites www.thinglink.com, www.purposegames.com, [Google Docs](https://docs.google.com)

B. Guided practice:

- Based on the example students will analyse and synthase the received information, discuss in groups and make a development plan of their project. The discussion should lead to an understanding of what needs to be done and how it will look.

C. Independent Practice (can be assigned as home work):

- The project can be prepared at home and completed in class.