

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](http://www.thinglink.com), [www.purposegames.com](http://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.