



Erasmus+

Valuable **STEAM** lesson plan

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Topic

Heat and Temperature

The main goal (objective)

Overcome the misconception about heat

Didactic goal (objective)

Try to have students to experience the differences between heat and temperature

Real problem or situation that is going to be analysed and discussed

Heat and Temperature are used interchangeably in daily life but they are not the same thing.

Critical thinking: evoking and motivating students

Students will be surprised when they see the ice cube melting on the aluminum block way faster than the other object then try to explain the reason why. Teacher asks several critical thinking questions during the process.

Yes



No



Team work

Expected results

Understanding the differences between heat and temperature

Integrated things (fields, activities, etc.)

This topic is also taught in Physics class. The activity will help students to understand Physics better.

Students' reflection