

PROFILES IBSE Teaching/Learning Materials - Overview

compiled by the PROFILES Working Group of the Maria Curie-Skłodowska University, Lublin - Poland



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#### Abstract

Way to build and isolation of buildings has an impact on heating costs. Students should acquire knowledge entitles them to lead a discussion on how best to choose the technology of construction and heating of buildings.

**Subject:** Chemistry and physics, Grade lead: 2<sup>nd</sup> to 3<sup>rd</sup> grade of junior secondary school.

**Curriculum content:** heating, combustion, energy, fuel, insulation materials.

**Kind of activity:** looking for source information, learning by discovery, doing experiments, presenting the results, collaborating in groups. etc.

**Anticipated time:** 6 lessons of 45 minutes

**Overall Objectives/Competencies:** training skills, carrying out reasoning according to scientific experiment, following a given procedure, collaboration in groups, preparation and presentation of results.

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