

IO6: Negotiating social, political, or ethical dimensions in SSI

AIMS OF THE MODULE

In this module future teachers in initial teacher education are exploring the topic of mobility and learning about its potential as an Based SSI. on their own experiences they identify social, political, ethical, and ecological perspectives of mobility. They learn how to take up mobility-related current issues from the local context of the children and to design SSI learning activities based on this.

DIMENSIONS OF MOBILITY

SCIENCE & TECHNOLOGY	 POLICY Who decides on public transport services? Are the needs of young people adequately represented? 	 FAIRNESS AND EQUALITY Mobility Poverty rural vs. urban areas gender-specific mobility patterns Participation in social life Commuting to school or work
 ECONOMY Transport industry Road pricing Transportation of goods 	INDIVIDUAL VALUES AND GOALS Job plans Individual freedom vs responsibility ethical approach	ECOLOGY Land consumption Traffic Noise Greenhouse gases



MODULE STRUCTURE

obility • Activity 1.1 "Municipality council" • Activity 1.2: "My mobility pattern"; • Activity 1.3: "Mobility attitudes" • Activity 1.4. "Local mobility situation"	How to connect mobility SSIs to different goals of education? • Activity 2.1: Identify aspects in mobility issues related to mathematics and science education • Activity 2.2: Mobility related sustainability and citizenship education • Activity 2.3: Locally discussed mobility issues	Preparations for implementation of mobility related SSIs in classroom • Activity 3.1: Development of SSI lessons based on local mobility issues
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TEACHING AND LEARNING METHODS

- Collecting data on mobility issues in their living area
- Roleplays to identify social, political, ethical and ecological perspectives of mobility.
- Linking mobility issues and curriculum content, sustainability goals and citizenship competences
- Analyzing SSI teaching elements in teaching examples on the topic of mobility
- Developing their own exercises and lesson plans