Joint Research Centre (JRC)

Methodological Framework:
Creativity & Innovation
in Education in the European Context

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Methodological Framework:
Creativity & Innovation in Education in the European Context
Objective of the Project

to provide a better understanding of how innovation and creativity are:

– Framed in national and/or regional objectives;
– Enabled in education and training
– Occurring in practices of education and training at primary and secondary level.
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Creativity and Innovation in Education

- European perspective (27 member states)
- Primary and secondary schools
- National Learning Objectives
- Conditions
- Practices
Content Analysis

Objective
- To explore how creativity and innovation are explicitly mentioned in the national learning objectives of the member states

Scope
- Document analysis of national/regional educational objectives/curricula

Sample
- Relevant documents for 27 member states

Unit of analysis
- Coding will be conducted according to the explicit mentioning of ‘creativity’ and ‘innovation’ and related synonyms.
Content Analysis Challenges

Selection of documents

- Which documents?
- How many?
- National, regional and at school level

Primary & Secondary (lower & higher) division

- Division of schools vary in different countries
- Documents also vary substantially

Language

- Translation of terminology
Survey

Objective

• To assess the conditions for creativity and innovation in each member state at the school level

Scope

• Registered members of eTwinning (almost 50,000).

Respondents

• Teachers
  • Surveys will be conducted online through the eTwinning site.

Unit of analysis

• Conditions fostering creativity and innovation
• Practices of creativity and innovation
Survey Challenges

Selection of respondents

- People registered on eTwinning
- There are around 50,000 respondents

Method

- Online survey tend to have very low response
- Strategy needed to increase response rate

Language

- Survey will have to be translated in all languages
Interviews

Objectives

- To assess the conditions for creativity and innovation in each member stage according to major stakeholders.
- To validate results from content analysis.

Sample

- Maximum five major stakeholders per country will be selected representing: Ministry, inspectors, training institutes & academia.

Format

- Interviews will be done over the phone.

Unit of analysis

- Interview questions will be based on enablers and results of content analysis.
Interview Challenges

Respondents

- Selection of respondents
- Respondents from Ministries might feel uncomfortable to talk in the name of the ministry (special permission to speak to official institutions)

Method

- Respondent's feelings of inadequacy or lack of knowledge about a particular topic could result in 'attractive' answer, as opposed the right answer.

Language

- Rely on respondents who speak English
- Conduct interviews in native languages
Thanks for your attention

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