Development of computational thinking, digital competence and 21st century skills when learning programming in K-9

# Details

## Year

Not reported

## Scope

National

## Countries

Sweden

## Type

Empirical research – Qualitative

## Methodologies

## Researched Groups

Teachers / Educators

## Consents

Consent obtained from teachers / caretakers

## Informed Consent

Consent obtained

## Ethics

Ethical considerations not mentioned

## Data Set Availability

Not mentioned

# Goals

"Our primary research question was as follows: RQ: From the teachers’ perspective, what skills do pupils obtain when engaging in programming activities?... [The focus was] mainly on two themes (in addition to a set of background questions):
1. Didactic practices and strategies employed when teaching programming, including a focus on the tools, languages and environments used.
2. Pupils’ knowledge and skills development when working with programming in K-12 education."
(Authors, in "Introduction" and "Data collection")