Zooming in Time — Exploring Students’ Interpretations of a Dynamic Tree of Life

# Details

## Year

Not reported

## Scope

Local

## Countries

Sweden

## Type

Empirical research – Qualitative

## Methodologies

* Survey
* Interview
* Other

## Other Methodology

Video recordings

## Researched Groups

Children

## Children Ages

Other

## Other Childrens Age Group

16-18 years old

## Funder

The Swedish Research Council (Vetenskapsrådet); the Swedish National Graduate School in Science and Technology Education Research (FontD); Örebro University

## Funder Types

* National Research Council
* University
* Other

## Other Funder Type

Network collaboration between higher education institutions in Sweden

## Consents

## Informed Consent

Consent obtained

## Ethics

Ethical considerations and/or protocol mentioned in the research design

## URL

https://link.springer.com/article/10.1007%2Fs10956-020-09893-x#ethics

## Data Set Availability

Not mentioned

# Goals

"This study investigates how an interactive touch table visualization of the “Tree of Life” (Block et al. 2012a) influences students’ interpretation of evolutionary time associated with this particular phylogenetic representation. The following research questions were posed:
How do students perceive and conceptualize zooming in DeepTree?
How do students interpret temporal information and temporal relationships in DeepTree?
Are there any student misinterpretations concerning the temporal aspects communicated by DeepTree? If so, can they be identified?"
(Authors, 127)