Students as Producers of Interactive Data Visualizations—Digitally Skilled to Make Their Voices Heard

# Details

## Year

2019

## DOI

10.1080/15391523.2018.1564636

## Issued

2019

## Language

English

## Volume

51

## Issue

2

## Start Page

## End Page

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## Type

Journal article

## Journal

Journal of Research on Technology in Education

## Publisher

Informa UK Limited

## Topics

* Learning
* Internet usage, practices and engagement
* Literacy and skills

## Sample

Two teachers with theri students, aged 12–15, in a school in Sweden.

## Implications For Educators About

* Professional development
* School innovation
* Other

# Abstract

The study explores students production of interactive visualized stories with visual analytics (VA). The aim is to understand emerging interactions in classrooms of grades 7-9 students when visual storytelling methods are playing a part in producing social science content. The dual aspects of visual literacy, information retrievement paired with the creation of interactive visualized stories, are crucial. Video captures of students working in groups and of what happens on their screens are conducted. The results show that students can handle the technical aspects of a VA application, but interpretation of visualized statistics is challenging. The study suggests that VA has potential to strengthen students ability to handle huge amounts of data and increase the possibilities for young people to take part in society.

# Outcome

"The results show that students can handle the technical aspects of a VA application, but interpretation of visualized statistics is challenging." (Authors, in Abstract)