

Teacher Talk: Analyzing Complexity of Language and Content

William Mangold and Dr. Christina Steidl
Department of Sociology

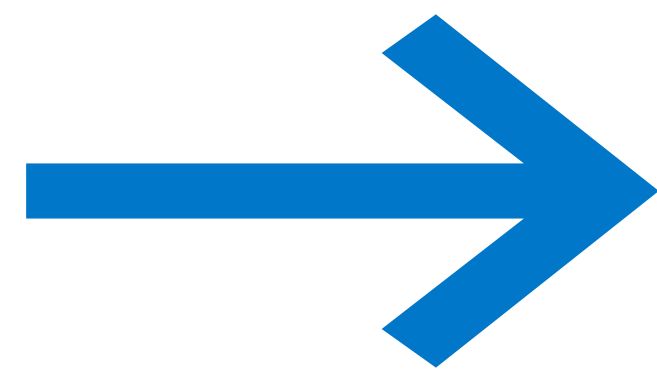
Overview/Introduction

✘ ~~Alright, so language design is very very important when it comes to the transmission of information so that we can get on the same page. The cognitive load required to process essential information and language within the classroom gets buried by really excessive or unnecessary language use. So this research is going to analyze current "Teacher Talk." It's going to code content and language. Finally, it's going to interpret the qualitative data. So... yeah.~~

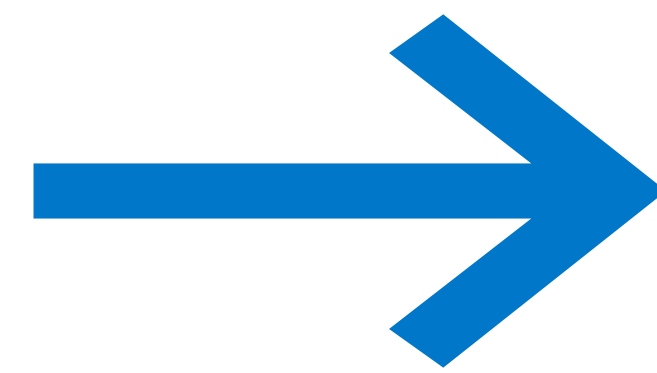
✓ Language design is important for the transmission of information. The cognitive load required to process essential information and language is overridden by excessive or unnecessary language use. To support a longer ongoing research project, we analyzed current "Teacher Talk," coded the content and language, and interpreted the qualitative data collected.

Project Design

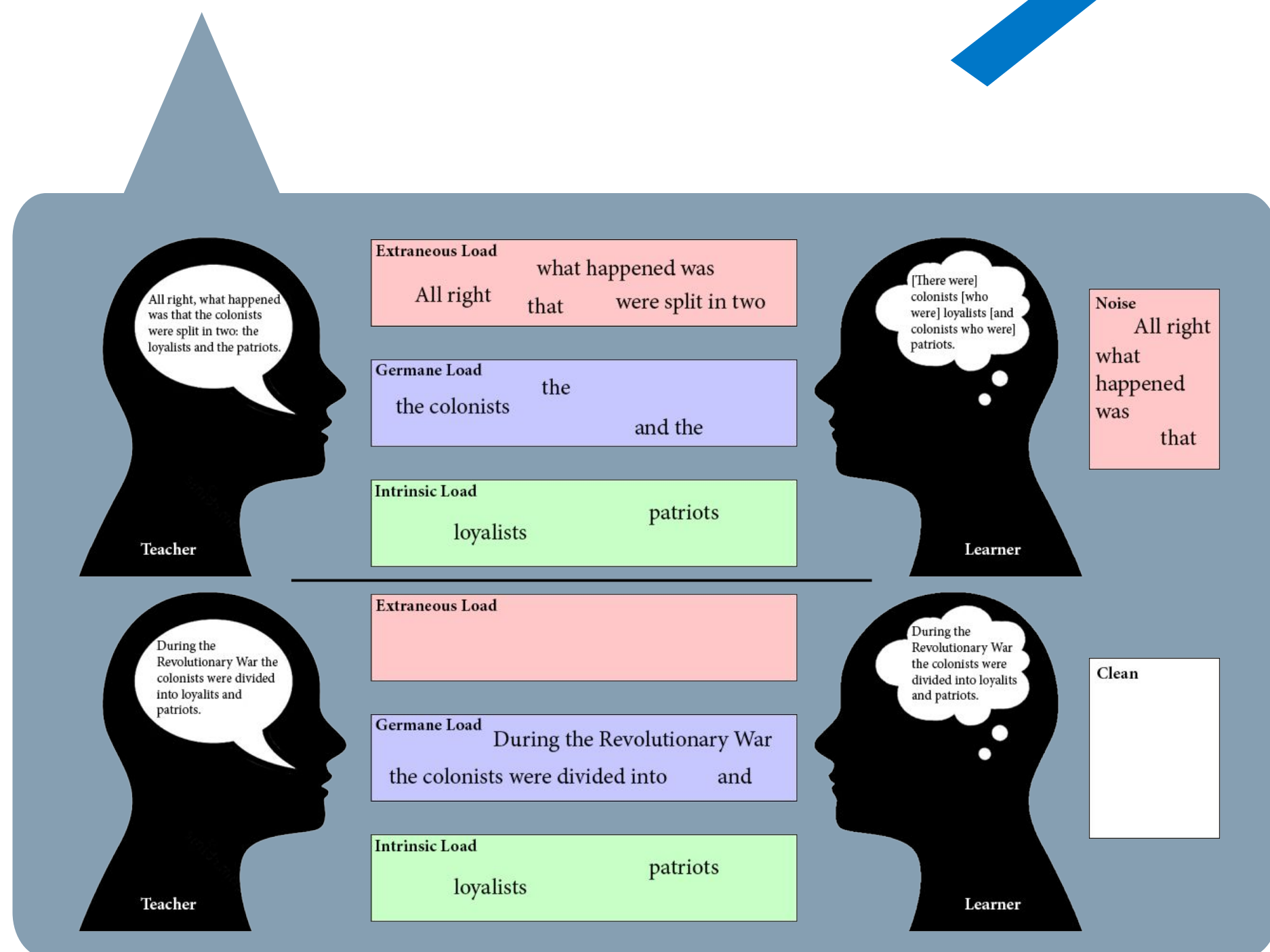
Baseline Transcripts
Spring 2024





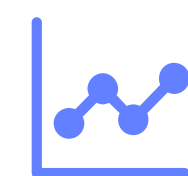

DIAL Training
Summer 2024



Additional Transcripts
Fall 2024 - Spring 2025



RCEU Research Contributions

-  Testing and revision of training modules
-  Qualitative coding of transcripts in MAXQDA
-  Development of content and language code
-  Evaluation of intercoder reliability

Impact

The goal of this research project is to:

- Create a framework to design more accessible language
- Encourage the use of this framework within the classroom
- Reduce cognitive load for English Learners' accessibility



Acknowledgements

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