

The 3R Study Strategy

Optimizing the effectiveness of the 'Read-Recite-Review' study strategy in learning from text

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Overview

- General theoretical background
- Variables
- Research questions experiment 1
- Design
- Procedure & Material
- Time schedule



Background

- Testing-effect
- 3R study strategy
- Adjunct questions
- Alignment



Variables

- The 3R study strategy
 - Read: reading a text
 - Recite: recitation of what is remembered
 - Review: reading the text second time
- Adjunct questions
 - Factual questions
 - Comprehension questions
- Statements
- Alignment



Research questions experiment 1

- What is the effect of *question type* on the final test performance?
- What is the effect of *alignment* on the final test performance?
- What is the effect of incorporating questions in the 3R strategy on the final test performance compared to the effect of the traditional 3R strategy?



Design

- Group 1: read + factual questions – factual questions – review
- Group 2: read + factual questions – comprehension questions – review
- Group 3: read + comprehension questions – factual questions – review
- Group 4: read + comprehension questions – comprehension questions – review
- Group 5: control group traditional 3R study strategy



Procedure & Material

- Week 1: Prior knowledge test
- Week 2: Study phase
- Week 3: Final test



Time schedule

<i>Month</i>	<i>Action</i>
Week 7 and 8	Finalizing test material experiment 1
Week 9	Small pilot to test the material
Week 10	Processing feedback and making adjustments
Week 11	Prior knowledge test at KU Leuven (part 1)
Week 12	Study phase at KU Leuven (part 2)
Week 13	Final test at KU Leuven (part 3)
Week 14 (and further)	Analyzing test results

