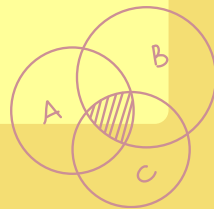


# Development of an Instructional Model Based on Realistic Mathematics Education With Theory of Cognitive Development Approach to Enhance Mathematical Literacy of Primary School Students



## Research Objectives

1. Develop an instructional model that promotes mathematical literacy in primary school students
2. Investigate the effectiveness of the developed instructional model



## Participants



The participants were 30 Grade 6 students enrolled in the second semester of the 2024 academic year at a demonstration school under the Ministry of Higher Education, Science, Research and Innovation (MHESI) in Bangkok. The sample was selected through purposive sampling.

## Results

The students who were taught through the realistic mathematics education approach and Bruner's theory of mathematics instruction at the elementary level demonstrated a statistically significant improvement in their mathematical literacy scores at the .05 level after the instruction.

