

**HY+**  
UNIVERSITY OF HELSINKI

**CENTRE FOR CONTINUING EDUCATION**

BASED ON  
FINNISH  
EDUCATION EXPERTISE

**STEM EDUCATION**  
FOR EARLY CHILDHOOD AND PRIMARY TEACHERS

STEM Education for Early Childhood and Primary Teachers is an innovative online learning solution. With our practical approach, you will learn child-centered pedagogies and science education at the same time.

## ONLINE CURRICULUM

The programme includes visual content, videos, podcasts, worksheets and written materials. It consists of 60 lessons, one lesson being 45 minutes in length.

Contents:

1. Early childhood learning and inquiry-based approaches to teaching science
2. Knowledge construction: individual learning paths and links to practice
3. Tools for supporting participation and motivation
4. Theory and practice of multidisciplinary learning modules: the role of sharing, discussing and evaluating learning outcomes

## TARGET GROUP

The programme targets early childhood and primary educators, and teachers-in-training.