

Liverpool John Moores University

Title: Teaching Mathematics in Key Stage 1
Status: Definitive
Code: **4214PRIM** (122758)
Version Start Date: 01-08-2021

Owning School/Faculty: Education
Teaching School/Faculty: Education

Team	Leader
Mahnaz Siddiqui	Y
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Academic Level: FHEQ4 **Credit Value:** 20 **Total Delivered Hours:** 40
Total Learning Hours: 200 **Private Study:** 160

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	40

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	AS1	Coursework:Portfolio of Tasks (4500 word equivalent)	100	

Aims

To introduce students to the teaching of mathematics in the Early Years and to develop the students knowledge and understanding of maths, to enable them to teach it effectively in Key Stage 1.

Learning Outcomes

After completing the module the student should be able to:

- 1 Examine and explain how children develop early number skills.
- 2 Recognise effective skills in planning, teaching and learning in Key Stage 1 mathematics.
- 3 Apply and illustrate an understanding of mathematical subject knowledge in Key Stage 1.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Coursework: Portfolio of 1 2 3
Tasks

Outline Syllabus

Early number development.

Development of Mathematical Subject Knowledge in KS1.

Planning and evaluation.

Mental mathematics.

Development of written methods.

Shape and space in KS1.

Measures in KS1.

High quality talk in mathematics.

FS Mathematics.

NC and EYFS.

Learning Activities

This module will be taught through a combination of lectures, workshops, seminars and fieldwork. Sessions will focus on relevant theory and research that underpins the teaching of maths in Key Stage 1 and will encourage participative and applied approaches to learning. Students will undertake school based tasks and analyse and reflect upon these experiences in light of the relevant research and theory. Subject knowledge at Key Stage 1 will be developed throughout this module.

Notes

In this module students will learn about the ways in which young children learn mathematics in the Early Years and develop their own knowledge and understanding of the teaching of maths in Key Stage 1.