

## Liverpool John Moores University

Title: INTRODUCTION TO MATHEMATICS EDUCATION  
Status: Definitive  
Code: **4102PS** (103737)  
Version Start Date: 01-08-2016  
  
Owning School/Faculty: Education  
Teaching School/Faculty: Education

Team	Leader
Sarah Hindhaugh	Y

**Academic Level:** FHEQ4      **Credit Value:** 12      **Total Delivered Hours:** 26  
**Total Learning Hours:** 120      **Private Study:** 94

### Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	10
Off Site	4
Tutorial	1
Workshop	10

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	Exam	30	1
Essay	AS2	(2000 words equivalent)	70	

### Aims

*To introduce students to the field of Primary mathematics education  
To extend and make secure their mathematical knowledge and skills  
To encourage students to have a positive attitude towards mathematics and mathematics teaching*

## Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate understanding of the development of mathematical learning in the primary classroom.
- 2 Demonstrate effective skills in planning, teaching and assessing mathematics lessons in the primary classroom.
- 3 Know and apply appropriate subject knowledge to the teaching of mathematics in the KS2 Classroom.

## Learning Outcomes of Assessments

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

EXAM	1	3
Essay 2000 Word	2	3

## Outline Syllabus

*Mathematics Framework*  
*Planning and Assessment*  
*Early Number development*  
*ICT*  
*Mathematics Subject Knowledge*  
*Meeting Individual needs*  
*Number*  
*Current Research and Government Reports*  
*Professional Development*

## Learning Activities

This module will be taught through a combination of lectures, workshops, seminars, fieldwork and directed reading.

Sessions will focus on relevant theory and research that underpins the teaching of mathematics in KS2 and encourage participative and applied approaches to learning.

Fieldwork will form the basis of an assessment teaching children in KS2 and reflecting on their experience.

## Notes

This module introduces students to the field of mathematics education as it relates to teaching Key Stage 2 mathematics

