

## Liverpool John Moores University

Title: DEVELOPING MATHEMATICS EDUCATION  
Status: Definitive  
Code: **5022PS** (103739)  
Version Start Date: 01-08-2016  
  
Owning School/Faculty: Education  
Teaching School/Faculty: Education

Team	Leader
Sarah Hindhaugh	Y

**Academic Level:** FHEQ5  
**Credit Value:** 12  
**Total Delivered Hours:** 33  
**Total Learning Hours:** 120  
**Private Study:** 87

### Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	15
Off Site	10
Workshop	7

**Grading Basis:** 40 %

### Assessment Details

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

### Aims

*To extend students knowledge of mathematics in the primary phase*

### Learning Outcomes

After completing the module the student should be able to:

- 1 Recognise and implement appropriate teaching strategies to address common mathematical errors made by primary pupils
- 2 Analyse and evaluate issues related to children's learning of Mathematics in the primary classroom
- 3 Demonstrate a command of appropriate mathematical subject knowledge.

### **Learning Outcomes of Assessments**

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

Exam	3		
Portfolio	1	2	3

### **Outline Syllabus**

*Number*  
*Development of Mathematical Subject Knowledge*  
*Planning and Assessment*  
*Inclusion*  
*Mathematics across the Curriculum*  
*Use of ICT*

### **Learning Activities**

Students will extend their knowledge and practical skills through a mixture of interactive lectures, workshops and school based tasks backed up by independent learning.

### **Notes**

In this module students will increase their knowledge and skills in teaching and learning mathematics in the primary phase.