

Liverpool John Moores University

Title: EXTENDING PRIMARY MATHEMATICS
Status: Definitive
Code: **6010PRIM** (103740)
Version Start Date: 01-08-2016

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

Team	Leader
Sarah Hindhaugh	Y

Academic Level: FHEQ6 **Credit Value:** 12 **Total Delivered Hours:** 24
Total Learning Hours: 120 **Private Study:** 96

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	22
Workshop	2

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	Essay	100	

Aims

To ensure that students are competent teachers of mathematics across the primary phase.

Learning Outcomes

After completing the module the student should be able to:

- 1 Critically evaluate the extent to which research in mathematics education informs practice in the primary classroom
- 2 Critically reflect upon what constitutes effective strategies for the learning and teaching of Mathematics
- 3 Critically analyse the transference of theory to practice in the planning, teaching and assessment of Mathematics across the primary phase

Learning Outcomes of Assessments

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

Essay	1	2	3
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Outline Syllabus

Students will enhance their knowledge of, and critically reflect upon, the maths strands with a particular emphasis upon developing a professional practitioner. Further Development of Mathematical Subject Knowledge.
Development of calculation methods.
Problem solving approaches.
Use of ICT.
Research in Mathematics Education

Learning Activities

Students will develop their subject and pedagogical knowledge through interactive lectures and workshops backed up by independent learning

Notes

The teaching of this module guides students to higher levels of professional knowledge and conduct in planning for teaching and in actual teaching. The module also requires students to engage in the professional practice of reflection, analysis and discussion of contemporary issues associated with mathematics education.