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Title: Extending Primary Maths  
 Status: Definitive  
 Code: **6016PRIM** (120312)  
 Version Start Date: 01-08-2018  
 Owing School/Faculty: Education  
 Teaching School/Faculty: Education

Team	Leader
Sarah Hindhaugh	Y

**Academic Level:** FHEQ6      **Credit Value:** 12      **Total Delivered Hours:** 44  
**Total Learning Hours:** 120      **Private Study:** 76

**Delivery Options**

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	44

**Grading Basis:** 40 %

**Assessment Details**

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

**Aims**

*To refine students' knowledge and understanding of key mathematical concepts and pedagogy associated with teaching the subject across the primary age range.*  
*To develop skills of critical analysis of pedagogical issues relating to primary mathematics.*  
*To extend students' understanding of key issues in primary mathematics education and allow them to critically evaluate current research in this area to inform their own practice.*

## 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.

## Learning Outcomes of Assessments

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

Maths Essay	1	2
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## Outline Syllabus

*Development of mathematical subject knowledge linked to NC*

*Development of calculation methods*

*Problem solving approaches*

*Assessment issues*

*Research in mathematics education*

*Transition*

*Unit planning*

*Mathematics out of school*

*Meeting individual needs*

*Exploring word problems*

*Effective questioning*

## Learning Activities

The module will be taught through lectures, seminars, workshops, practicals and tutorials.

## Notes

This module extends students' subject knowledge and pedagogical repertoire for the teaching of mathematics across the primary age phases and ability range.