

#### Summary Information

Module Code	6214PRIM
Formal Module Title	Advanced Primary Mathematics
Owning School	Education
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 6
Grading Schema	40

#### Teaching Responsibility

LJMU Schools involved in Delivery
Education

#### Learning Methods

Learning Method Type	Hours
Lecture	40

#### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-MTP	MTP	September	28 Weeks

#### Aims and Outcomes

Aims	To refine students' knowledge and understanding of key mathematical concepts and pedagogy associated with teaching the subject across the primary age range. 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. To be able to analyse and interpret local and national data to support mathematical learning.
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**After completing the module the student should be able to:**

**Learning Outcomes**

Code	Number	Description
MLO1	1	Critically evaluate the extent to which research in mathematics education informs practice in the primary classroom.
MLO2	2	Critically reflect upon what constitute effective strategies for the learning and teaching and assessment of mathematics.
MLO3	3	Critically analyse and evaluate national and local data to support learning, teaching and assessment in mathematics across the primary age and ability range.

**Module Content**

Outline Syllabus	KS1 - KS3 transitions Development of mathematical subject knowledge Development of calculation methods Problem solving approaches Assessment issues Research in mathematics education Progression Unit planning Meeting individual needs Exploring word problems Qualitative and quantitatively data analysis supporting research skills and analysis Statistics to support research analysis
Module Overview	This module will refine your knowledge and understanding of key mathematical concepts and teaching associated with the subject across the primary age range. It will extend your understanding of key issues in primary mathematics education and will allow you to critically evaluate current research in this area to inform your own practice.
Additional Information	This module extends students' subject knowledge and pedagogical repertoire for the teaching of mathematics across the primary age phases and ability range.

**Assessments**

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Portfolio	Portfolio - 4500 words	100	0	MLO1, MLO2, MLO3

**Module Contacts**

**Module Leader**

Contact Name	Applies to all offerings	Offerings
Sarah Hindhaugh	Yes	N/A

**Partner Module Team**

Contact Name	Applies to all offerings	Offerings
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