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Title: Developing Primary Mathematics
 Status: Definitive
 Code: **5016PRIM** (120310)
 Version Start Date: 01-08-2018
 Owing School/Faculty: Education
 Teaching School/Faculty: Education

Team	Leader
Sarah Hindhaugh	Y

Academic Level: FHEQ5 **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
Portfolio	Portfolio	Portfolio	100	

Aims

*To develop students' knowledge and understanding of key mathematics concepts and pedagogy associated with teaching the subjects in Key Stage Two.
 To apply this knowledge to inform the planning of effective learning sequences.*

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate knowledge and understanding of key concepts and related pedagogy underpinning effective teaching and learning of mathematics in Key Stage Two.
- 2 Recognise and implement appropriate teaching strategies to address common mathematical errors made by primary pupils.

Learning Outcomes of Assessments

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

Portfolio	1	2
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Outline Syllabus

Number and place value

Development of mathematical subject knowledge linked to NC

Mental calculations and written methods

Errors and misconceptions in mathematics

Reasoning

Planning and assessment

Introduction to differentiation in mathematics

Algebra

Fractions

Decimals

Percentages

Meeting individual needs

Learning Activities

The module will be taught through lectures, practicals and workshops and enriched with school-based placement. Students will also be expected to engage in independent study, including the auditing and tracking of their subject knowledge development.

Notes

The module develops students' subject knowledge and pedagogical repertoire for the teaching of mathematics in the primary school.