Liverpool John Moores University

Title:	DEVELOPING TO PRIMARY CORE SCIENCE
Status:	Definitive
Code:	**5021PRIM** (104335)
Version Start Date:	01-08-2016
Owning School/Faculty:	Education
Teaching School/Faculty:	Education

Team	Leader
Deborah Pope	Y

Academic Level:	FHEQ5	**Credit Value:**	12	**Total Delivered Hours:**	24
Total Learning Hours:	120	**Private Study:**	96		

Delivery Options
Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	11
Off Site	6
Practical	4
Workshop	2

Grading Basis: 40 %

Assessment Details

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

Aims

To identify and supplement the student's knowledge of key science concepts relating to 'materials and their properties'.
To understand and apply the theoretical underpinnings of effective assessment.
To ensure students can systematically risk assess science lessons and plan for the effectve use of other adults.

To enable students to recognize and use effective ICT strategies to support learning of science in the primary classroom.

Learning Outcomes

After completing the module the student should be able to:

1 Analyse and evaluate the planning necessary to support a range of assessment strategies and the appropriate safe use of available resources.
2 Demonstrate a command of the key principles, theoretical and practical, relating to Materials and their properties.

Learning Outcomes of Assessments

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

Coursework	1	2
EXAM	1	2

Outline Syllabus

Risk Assessment
Data Logging
Identifying and making use of IT resources
Base line assessment
Assessment for learning (including giving feedback)
Assessment of learning (including levelling of work)
Using assessment to identify misconceptions
Planning for other adults

Learning Activities

ICT including Teacher TV, manipulating video clips, data logging
Lectures
Work-based learning - in schools
Out of class learning - field work
Group work / discussions / workshop
DVD
Self-study / reading / audit
Practical work / investigations
Practical demonstrations

Notes

This module continues to build the skills and knowledge of teaching children science

in the primary school.Using a theme of materials and their properties, effective assessment for learning and of learning is explored. There is a particular emphasis on ensuring safety in the classroom and the importance of planning for other adults in the classroom.