

Liverpool John Moores University

Title: EXTENDING CORE SCIENCE
Status: Definitive
Code: **6021PS** (104338)
Version Start Date: 01-08-2016

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

Team	Leader
Sean Doyle	Y

Academic Level: FHEQ6
Credit Value: 12
Total Delivered Hours: 25
Total Learning Hours: 120
Private Study: 95

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	10
Off Site	6
Practical	4
Tutorial	1
Workshop	4

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	Essay(3,000 words equivalent)	100	

Aims

To develop subject knowledge and understanding of the key science concepts related to 'Life and Living Processes'.

To provide opportunities to analyse and assess the potential of the environment as a source of investigative science for the primary science curriculum both in and out of the classroom.

To develop the skills of students in identifying, planning and delivering an inclusive science curriculum for all pupils.

Learning Outcomes

After completing the module the student should be able to:

- 1 Critically evaluate effective strategies to secure full inclusion to the science curriculum for all pupils
- 2 Analyse and critically reflect on the value of out-of-classroom learning and the associated planning and responsibilities
- 3 Demonstrate a secure knowledge and understanding of Life and Living Processes.

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

Theoretical and practical activities relating to: Plant and animal diversity, organisation of living things, variation and classification, life cycles, plants , human body

Environmental Education

Sustainable Development

Health

Links to PSHE and citizenship

Out of classroom learning - risk assessment

Working in the school grounds

English as an additional language

Planning for individual needs

Differentiation strategies

Learning Activities

Lectures

Group work/discussions/workshop

DVD

Self-study/reading/audit

Practical work/investigations

Practical demonstrations

Out of class learning Field Trip to Croxteth Country Park - Woodlands and Farm

Notes

This module seeks to embed the teaching of science in the primary classroom and explores how science can support links to citizenship and PSHE through Environmental Education and Health. It explores the value of out-of-classroom learning using the theme of 'Life and Living Processes'. It provides opportunities to allow students to develop strategies for supporting individual needs e.g. SEN and EAL pupils.