Science, Design and Technology and Computing in the Key Stage 1 curriculum

Module Information

2022.01, Approved

Summary Information

Module Code	4217PRIM
Formal Module Title	Science, Design and Technology and Computing in the Key Stage 1 curriculum
Owning School	Education
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 4
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 introduce students to children's early explorations and learning in science, design and technology and computing.To begin to develop students' knowledge and understanding of key concepts, practical skills and pedagogy associated with teaching the subjects in Key Stage 1.

After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Recognise the integrated nature of science, design and technology and computing.
MLO2	2	Summarise the subject knowledge content matter needed to teach science, design and technology and computing in Key Stage 1.
MLO3	3	Explain the pedagogy necessary to teach science, design and technology and computing in Key Stage 1.
MLO4	4	Demonstrate the practical and design skills required to teach science, design and technology and computing.

Module Content

Outline Syllabus	Nature of science, design and technology and computing.Introduction to the National Curriculum for science, design and technology and computing.Aspects of science, design and technology and computing in Key Stage 1.Introduction to organising and planning lessons in science, design and technology and computing.Early years explorations.Project.
Module Overview	The aim of this module is to introduce you to children's early explorations and learning in science, design and technology, and computing. You will begin to develop your knowledge and understanding of key concepts, practical skills and pedagogy associated with teaching the subjects in Key Stage 1.
Additional Information	

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Portfolio	Portfolio: Record of coursework	60	0	MLO1, MLO2, MLO3
Report	Report of Project undertaken	40	0	MLO1, MLO2, MLO3, MLO4

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Victoria Brennan	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings