

## Module Information

2022.01, Approved

### Summary Information

Module Code	5217PRIM
Formal Module Title	Science, Design and Technology and Computing in the Key Stage 2 Curriculum
Owning School	Education
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 5
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 develop and extend knowledge and understanding of key concepts, skills and pedagogy associated with learning science, design and technology and computing at Key Stage 2. To explore and analyse the key elements of progression of children's conceptual understanding and skills acquisition in science, design and technology and computing.
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## After completing the module the student should be able to:

### Learning Outcomes

Code	Number	Description
MLO1	1	Recognise key issues in the teaching of science, design and technology and computing in key stage 2.
MLO2	2	Analyse the key concepts, skills and progression in the learning of science, design & technology and computing in Key Stage 2
MLO3	3	Identify subject-specific pedagogies required for the teaching of science, design & technology and computing in Key Stage 2.
MLO4	4	Apply the practical and design skills required to teach science, design and technology and computing

### Module Content

Outline Syllabus	Skill development and progression Planning teaching and learning sequences Managing group work Introduction to adaptive teaching Children's misconceptions Formative and summative assessment Project
Module Overview	The aim of this module is to develop and extend knowledge and understanding of key concepts and skills associated with learning science, design and technology and computing at Key Stage 2. You will explore and analyse the key elements of progression of children's conceptual understanding and skills acquisition in science, design and technology and computing.
Additional Information	The module develops students' subject knowledge and pedagogical repertoire for the teaching of science, design and technology and computing in KS2.

### Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Essay	Essay and Subject Knowledge	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
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