



Prifysgol Cymru
Y Drindod Dewi Sant
University of Wales
Trinity Saint David

Yr Athrofa
Centre for Education
Addysg i Gymru | Education for Wales

MODULE HANDBOOK

ECAD4015/C

Developing professional literacy, numeracy and digital competence

BA (Hons) Primary Education with Qualified Teacher Status

Level4

Number of credits 30 Credits

Yr Athrofa

2025-2026

Revalidated October 2023 for first intake September 2024

1. Point of contact

Module Lead: Menna Davies menna.davies@uwtsd.ac.uk

2. Our Expectations

We hope you enjoy the module and programme. We are here to help.

You should:

- Make good use of the University facilities and resources
- Attend and participate in sessions
- Act responsibly
- Meet assignment deadlines
- Engage and participate in all sessions

Please read the University [Regulations for Students](#) and the Athrofa Engagement Policy.

3. Aims and Learning Outcomes

AIMS

- To provide a critical overview of the knowledge, skills and understanding needed to ensure an awareness of literacy, numeracy and digital competence frameworks.
- To equip students with the critical skills necessary to effectively teach literacy, numeracy and digital competence through cross-curricular pedagogies.

LEARNING OUTCOMES

Upon the successful completion of this module, the student-teacher should be able to:

- Demonstrate an understanding of the three cross-curricular frameworks within the Curriculum for Wales, and how they relate to learners across the primary age range;
- Show a deepened understanding of the significance of pupils' literacy, numeracy and digital competence in relation to pupil outcomes;
- Secure an understanding of the pedagogic skills to ensure progression in learning in literacy, numeracy and digital competence.

INDICATIVE CONTENT

- Exploration of the skills needed to plan, deliver and evaluate creative and innovative learning experiences which facilitate pupils' progression through the Area of Learning and Experience(s).
- Integration of the key aspects of the CfW framework e.g., integral skills and cross-curricular skills into the Area of Learning and Experience(s).
- A deeper consideration of pedagogical content knowledge.
- Develop a purposeful creative method to develop pupils' knowledge, skills and understanding while motivating them to learn through stimulating, interconnected topics.
- Offer consideration and critical understanding of the barriers to progress in literacy, numeracy and digital competence.

Develop a deeper consideration of pedagogical approaches and content knowledge for cross-curricular learning and teaching.

- Ensure progression and opportunity to use and apply knowledge, skills and understanding in a purposeful context.

4. Assessment information

STUDY TIME ALLOCATION

There are 30 scheduled learning hours for this module.

ASSESSMENT

Assessment Component 1

☐ Written exam ☒ Coursework ☐ Practical

Mode of assessment	Volume	Weighting
Essay	2000 words	100%

ASSESSMENT SUMMARY

Activity type	Percentage
Written exam	
Coursework	100%
Practical	
TOTAL	100%

5. Module Content

1	03.02.26	Sesiwn 1	<i>Module intro and Theme 1 MD + GP</i>	
2		Sesiwn 2	<i>Thema 1 MD</i>	Theme 1 GP
3		Sesiwn 3	<i>Thema 1 MD</i>	Theme 1 GP
4	05.02.26	Sesiwn 1	<i>Assignment guidance MD</i>	
5	06.02.26	Sesiwn 1	<i>Thema 2 MB</i>	Theme 2 BS
6		Sesiwn 2	<i>Thema 2 MB</i>	Theme 2 BS
7		Sesiwn 3	<i>Thema 2 MB</i>	Theme 2 BS
8	10.02.26	Sesiwn 1	<i>Thema 3 BS</i>	Theme 3 MD
9		Sesiwn 2	<i>Thema 3 BS</i>	Theme 3 MD
10		Sesiwn 3	<i>Thema 3 BS</i>	Theme 3 MD
11	13.02.26	Sesiwn 1	<i>Meicro addysgu MD</i>	<i>Micro teach GP</i>
12		Sesiwn 2	<i>Meicro addysgu MD</i>	<i>Mirco teach GP</i>
13		Sesiwn 3	Assignment support MD	

6. Assessment Tasks and Guidance

Please see the Assessment Specification for this module that can be found in Moodle under "Assessment Information".

INDICATIVE READING LIST

Please use Leganto for the most up-to-date list.

Module Code	ECAD4015/C	
Module Title	Developing professional literacy, numeracy and digital competence	
Classification	Reading List entry	Electronic*

Essential	Askew, M. (2015) <i>Transforming Primary Mathematics: Understanding classroom tasks, tools and talk</i> Oxon: Routledge	
Essential	Didau, D. (2014) <i>The Secret of Literacy</i> , Carmarthen: Crown Publishing.	
Essential	Gross, J. (2013) <i>Time to Talk</i> , Fulton: Oxon	
Essential	Haylock, D. and Cockburn, A. (2017) <i>Understanding Mathematics for Young Children 3-7</i> . London: SAGE	
Essential	Kelly, & Stead, D. (2013). Enhancing primary science: developing effective cross-curricular links. Open University Press.	
Essential	Payton, S. and Hague, C. (2010). Digital literacy across the curriculum Bristol: Futurelab.	
Essential	Welsh Government (2022) <i>National Literacy and Numeracy Framework</i> . Welsh Government, Cardiff https://hwb.gov.wales/curriculum-for-wales/cross-curricular-skills-frameworks/literacy-and-numeracy-framework/	
Essential	Black, & Wiliam, D. (2010). "Kappan Classic": Inside the Black Box--Raising Standards through Classroom Assessment. <i>Phi Delta Kappan</i> , 92(1), 81–.	
Essential	Welsh Government (2022) <i>The Digital Competence Framework</i> https://hwb.gov.wales/curriculum-for-wales/cross-curricular-skills-frameworks/digital-competence-framework/	
Essential	Welsh Government (2022) <i>Cross Curricular Skills Frameworks</i> Welsh Government, Cardiff Cross-curricular skills frameworks - Hwb (gov.wales)	
Further	Bird, J. (2014) <i>Lessons in teaching computing in primary schools</i>. United Kingdom: SAGE Publications	
Further	Caldwell, H. and Bird, J. (2015) <i>Teaching with Tablets</i>. United Kingdom: SAGE Publications	
Further	Grigg, R and Lewis, H (2018) <i>Teaching on a Shoestring: An A-Z of Everyday Objects to Enthuse and Engage Children and Extend Learning in the Early Years</i> . Crown Publishing	
Further	Kerry. (2015). <i>Cross-curricular teaching in the primary school : planning and facilitating imaginative lessons</i> (Kerry, Ed.; 2nd ed.). Routledge.	

Further	McAteer, M. (ed.) (2013) <i>Improving Primary Mathematics Teaching and Learning</i> , Berkshire: Open University Press	
Further	Oakhill, J. (2015) <i>Understanding and Teaching Reading Comprehension</i> , Routledge: London.	
Further	Pound, L. and Lee, T. (2010) <i>Teaching Mathematics Creatively</i> , Routledge: Oxon	
Further	Savage, M. and Barnett, A. (2015) <i>Digital literacy for primary teachers</i> . United Kingdom: Critical Publishing	
Further	<u>Turvey, K., Sharp, J. and Potter, J. (2016) <i>Primary computing and digital technologies: Knowledge, understanding and practice</i>. London, United Kingdom: SAGE Publications</u>	
Further	Waugh, D. (2015) <i>Teaching Grammar, Spelling and Punctuation in the Primary School</i> , Learning Matters: London.	