

ECAD5010C Ymchwilio i'r Dysgu: beth, sut a pham ydw i'n addysgu?

ECAD5010 Researching the learning: what, how and why am I teaching?



Sesiwn - Session 7



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

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

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Yn y sesiwn yma byddwn yn edrych ar: In this session we will look at:



Bod yn ymchwilydd medrus - Being a skilled researcher



Bod yn sgeptigol – Being sceptical



Creu 'CY' a Dylunio Ymchwil – Creating a RQ and Research Design

ECAD5010 – Module OUTCOMES

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

Develop increasing knowledge and skill in selecting and using a range of research tools to generate data and evidence which can inform personal practice

Justify the application of research tools in the classroom to gain insight into an aspect of teaching and learning

Develop the disposition of being a skilled researcher through careful analysis and evaluation of data and relate this to personal practice

Show an increased understanding that education is a contested terrain and that different perspectives can co-exist in research

Secure the dispositions of being an ethical researcher by identifying ethical practice in the complex learning environment of the classroom.



ECAD5010C – Deilliannau Dysgu

Ar ôl cwblhau'r modwl hwn yn llwyddiannus, dylai'r darpar athrawon allu dangos y gallu i:

Datblygu gwybodaeth a sgiliau cynyddol wrth ddewis a defnyddio ystod o offer ymchwil i gynhyrchu data a thystiolaeth a all lywio arfer personol

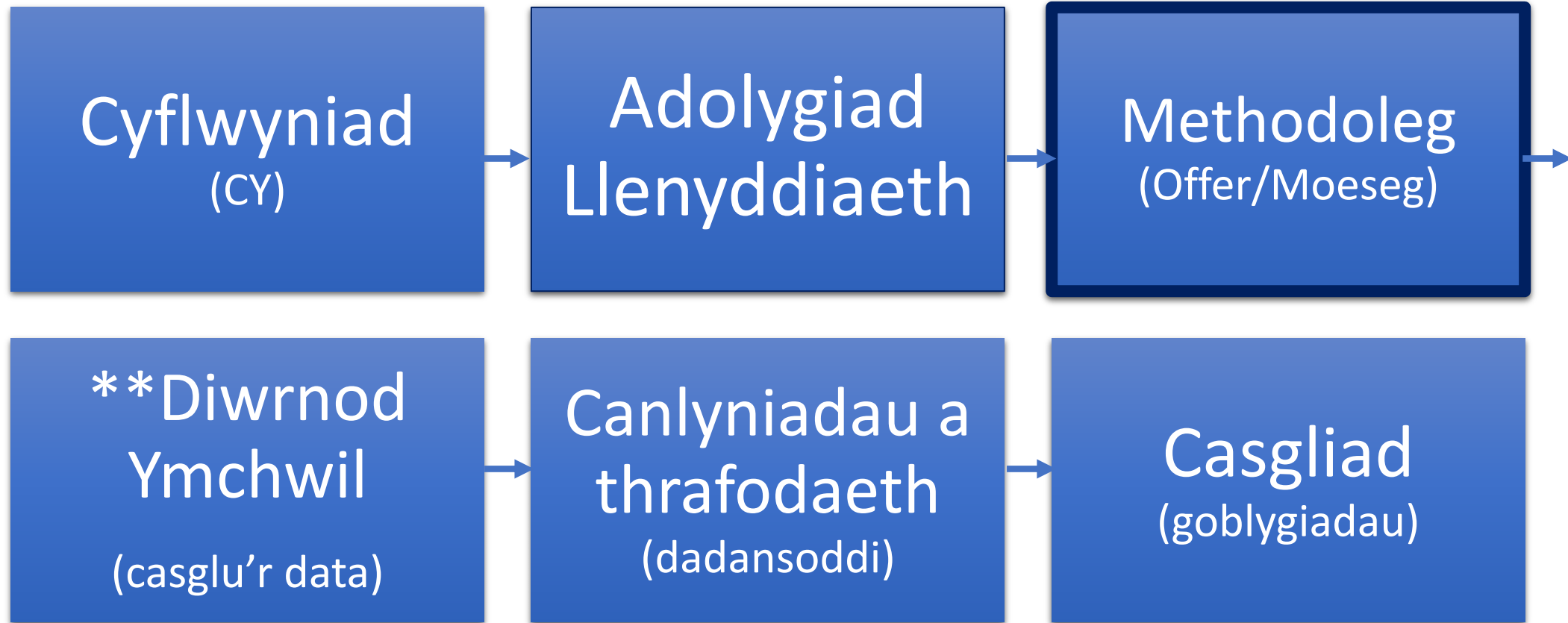
Cyfiawnhau cymhwyso offer ymchwil yn yr ystafell ddosbarth i gael dirnadaeth o agwedd ar ddysgu ac addysgu

Datblygu'r nodwedd o fod yn ymchwilydd medrus trwy ddadansoddi a gwerthuso data'n ofalus a chysylltu hyn ag arfer personol

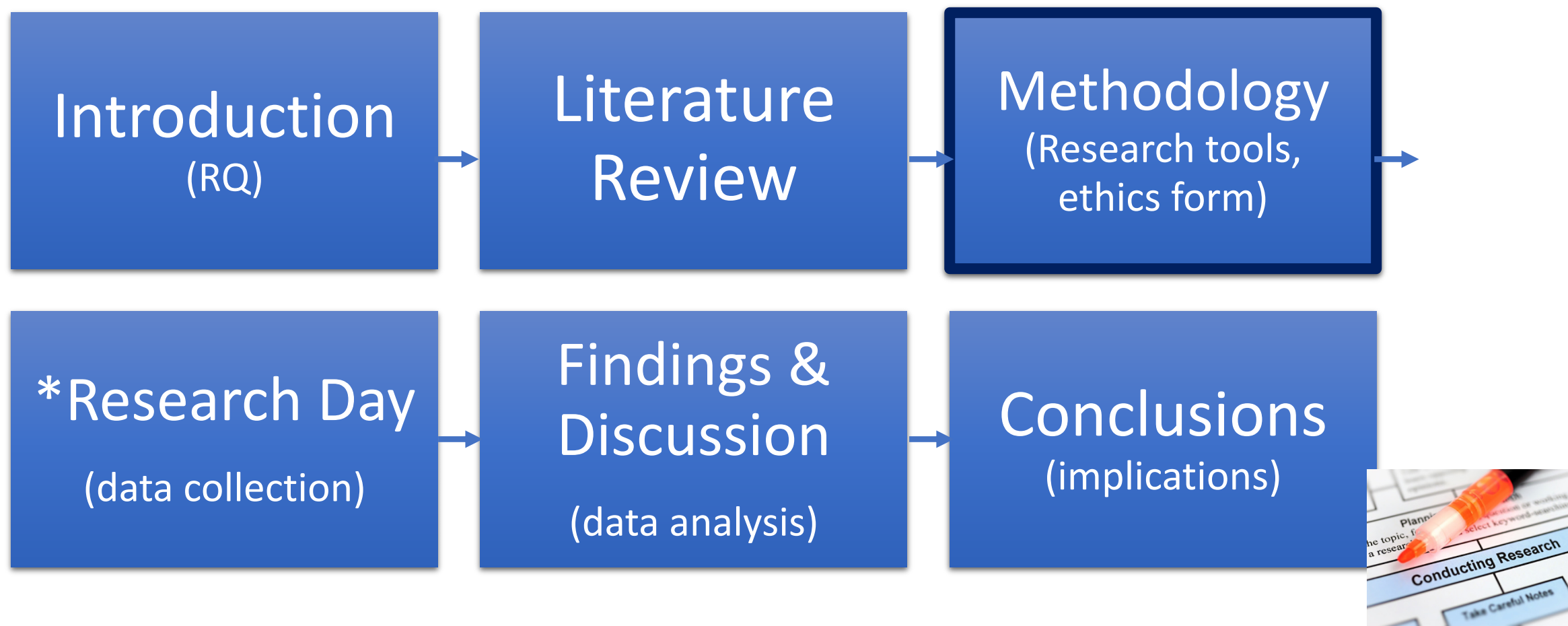
Dangos dealltwriaeth gynyddol fod addysg yn faes dadleuol ac y gall gwahanol berspectifau gydfodoli mewn ymchwil

Sirchau nodweddion bod yn ymchwilydd moesegol trwy adnabod arfer moesegol yn amgylchedd dysgu cymhleth yr ystafell ddosbarth.

Dylunio a chynnal astudiaeth ymchwil



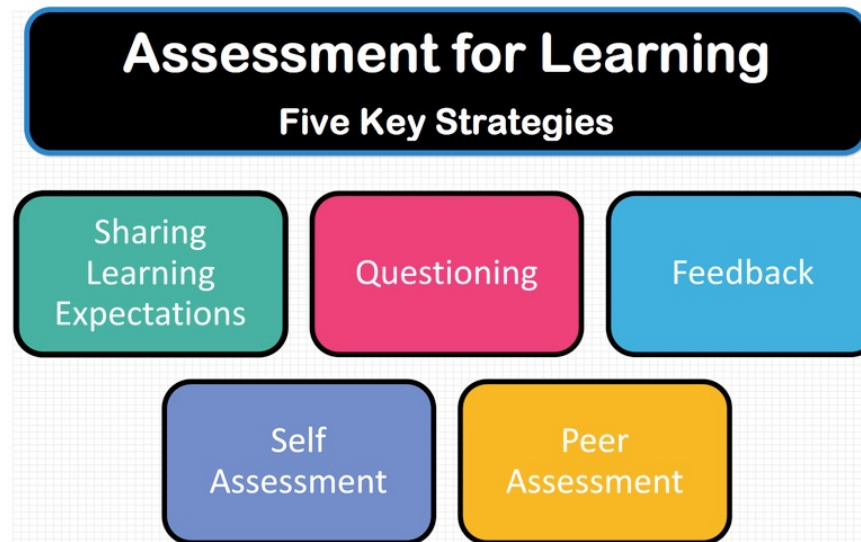
Design & Conduct a Small-Scale Research Study...



Asesu ar gyfer Dysgu (AagD)

Assessment for Learning (AfL)

- Thema ymchwil ar gyfer y Modwl ECAD5010C*
- Research theme for this Module*



Assessments

Tasg Grŵp

- Archwiliwch y ddogfen: Llywodraeth Cymru (2010) *Pam mae angen datblygu meddwl ac asesu ar gyfer dysgu yn yr ystafell ddosbarth*.
- Dewiswch **un** elfen AagD.
- Crëwch **5 cwestiwn drafft** posibl ar gyfer holiadur a chyfweliad gyda athrawon.
- <https://hwb.gov.wales/api/storage/2b5cc5e1-489b-444c-a8b3-253d2c75912a/pam-y-mae-angen-datblygu-meddwl-ac-asesu-ar-gyfer-dysgu-yn-yr-ystafell-ddosbarth.pdf>



Group Task

- Explore the document: Welsh Government (2010) *Why develop thinking and assessment for learning in the classroom*.
- Choose **one** AfL pillar, e.g. Sharing Success Criteria, Feedback, etc.
- Create **5 draft questions** for interview and questionnaire for teachers.
- <https://hwb.gov.wales/api/storage/2d2b99cd-5431-421e-ac8b-8608fe0edf05/why-develop-thinking-and-assessment-for-learning-in-the-classroom.pdf>

Adborth - Feedback from Group Task





Assessments

Tasgau Unigol - Individual Tasks

- Drafftio Cwestiwn Ymchwil
- Drafftio Adolygiad Llenyddiaeth
- Creu cwestiynau drafft - holiadur
- Creu cwestiynau drafft - cyfweliad
- Begin to draft your RQ
- Draft your Lit Review
- Begin to draft your questionnaire
- Begin to draft your interview questions



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Tasg Gyfeiriedig 3 - Directed Task 3

- Cwblhau ysgrifennu am ‘**Offer ymchwil**’ – Adran ‘**Methodoleg**’ o’r Aseiniad.
- Cofiwch gefnogi eich sylwadau gyda llenyddiaeth.
- Complete writing up the ‘**Research Tools**’ – **Methodology** section of the assignment.
- Remember to support your claims with literature.

Er enghraifft / For example:

Denscombe, M. (2014) *Good Research Guide*. 5th edition. Maidenhead: Open University Press (Chapter 12*) (Copi ar gael/Copy available – Moodle*)

References Cyfeirnodau

Bell, J. (2010) *Doing your Research Project*. 5th edition. Maidenhead: Open University Press.
<https://handoutset.com/wp-content/uploads/2022/07/Doing-Your-Research-Project-Judith-Bell.pdf>
(Copy available on Moodle)

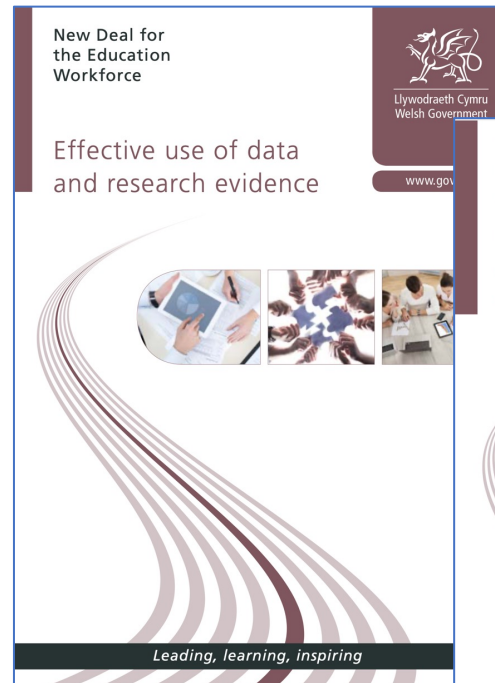
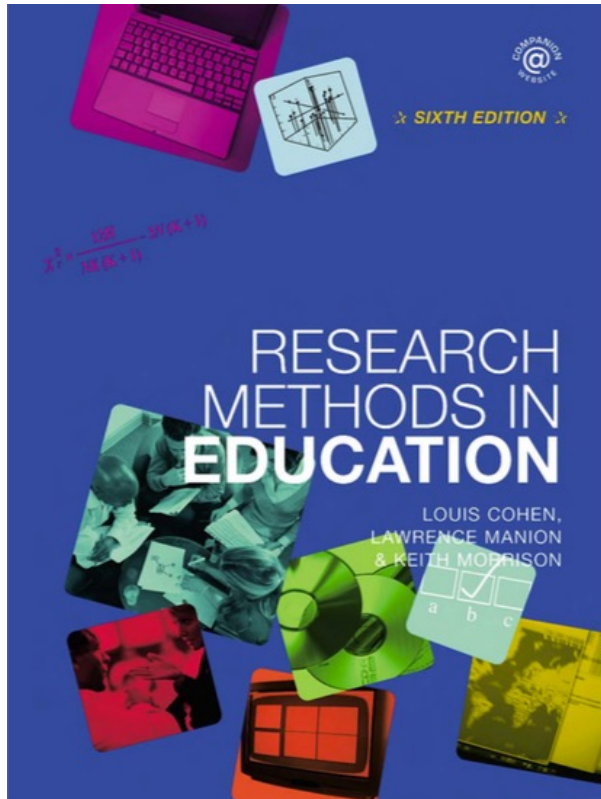
British Educational Research Guidelines (BERA, 2018).

<https://www.bera.ac.uk/researchers-resources/publications/ethical-guidelines-for-educational-research-2018>

Cohen, L., Manion, L. and Morrison, K. (2013) *Research Methods in Education*. London: Sage Publications Ltd.
(Copy available on Moodle) rme-edu-helpline.blogspot-com.

Denscombe, M. (2014) *Good Research Guide*. 5th edition. Maidenhead: Open University Press (Chapter 11)
(Copy available on Moodle)

Cyfeiriadau Defnyddiol – Useful References



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