

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

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



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Y Drindod Dewi Sant
University of Wales
Trinity Saint David

Yr Athrofa

Addysg a'r Dyniaethau
Education and Humanities



Sesiwn/Session 15

Yn y sesiwn yma byddwn yn:

In this session we will:

- Adolygu a thrafod canlyniadau'r diwrnod ymchwil
- Ystyried eich camau nesaf (e.e. bwydo data i'r aseiniad, ayyb)
- Ateb unrhyw gwestiynau cyn cyflwyno'r aseiniad.
- Review and discuss findings of research day
- Consider your next steps (e.g. feed data into assignment, etc.)
- Answer any queries prior to submission of assignment.

Y Diwrnod Ymchwil

The Research Day

- Yr offer ymchwil
- Yr data a gasglwyd
- The research tools
- The data collected



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Y CAMAU NESAF – NEXT STEPS

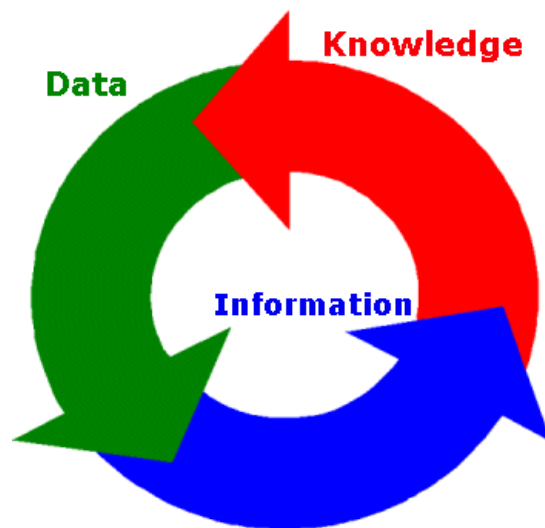
- Dadansoddi'n feirniadol y data - canlyniadau
- Gwerthuso y broses o ymchwilio, h.y. offer ymchwilio
- Llunio casgliadau – dysgu/arfer proffesiynol
- Nodi argymhellion – trawsnewid eich arfer proffesiynol
- Critically analyse the data – results
- Evaluate the research process, i.e. research tools
- Form conclusions – learning/professional practice
- Make recommendations for transforming personal practice



Dadansoddi eich data

Analysing your data

- Data Meintiol
- Data Ansoddol
- Quantitative data
- Qualitative data



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Data Meintiol Quantitative Data

- Modd canolrif, cymedr
- Graddfa Likert
- Siartiau bar, cylch
- Enghraifft – dadansoddi data meintiol
- Mean, mode, median
- Likert Scale
- Pie charts, bar charts
- A worked example – analyzing quantitative data



Data Ansoddol

- Data craidd
- Trawsgrifio cyfweiliadau
- Codio y data (themâu)
- Defnyddio'r themâu i wneud synnwyr o'r wybodaeth yn rhesymegol a chydlynol
- Plethu'r themâu â data eraill, e.e. holiaduron

Qualitative Data

- Raw data
- Transcribe interviews
- Code the data (themes)
- Use themes as structured aids to present findings logically and coherently
- Blend relevant themes with other data, e.g. questionnaires

Ffigur 8: Triongli data



Ffynhonnell: Grigg (Canolfan Cymru er Cydraddoldeb mewn Addysg)

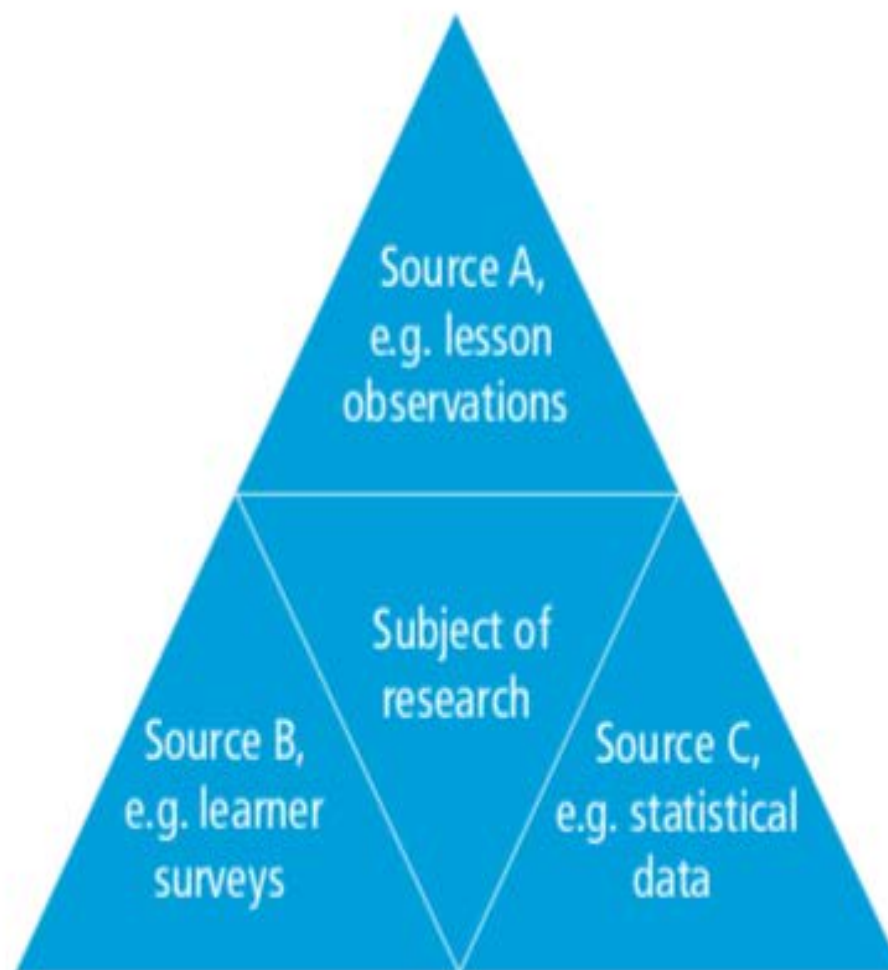


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Figure 8: Triangulation of data



A yw eich data...?

Is your data...?

✓ yn gredadwy

✓ Yn ddibynadwy

✓ credible

✓ Reliable

*Beth mae eich data yn ei ddweud wrthyhych am ganfyddiadau dysgwyr a staff am AaGD?

*What does your data say about pupils and staff perceptions of AfL?



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Casgliad - Conclusion

- Crynhoi'r canlyniadau
- Gwerthuso'n feirniadol y dulliau ymchwil
- Beth ydych chi wedi ei ddysgu am AaGD?
- Sut mae hyn yn mynd i drawsnewid eich arfer?
- Summarise the findings
- Critically evaluate the research tools
- What have you learnt about AfL?
- How is this going to transform your practice?



Cyflwyno eich gwaith – rhai awgrymiadau defnyddiol!

- Trwy sicrhau eich bod yn cysylltu pob rhan o'r prosiect gyda'i gilydd [e.e. Pwrpas y bennod hon yw ... fel y gwelwn yn y bennod nesaf ...]
- Trwy arwyddo eich bod yn ymwybodol o'r ansicrwydd sydd ynghlwm wrth fabwysiadu safle [e.e. Yma, gellid dadlau..., O fewn cyfyngiadau'r fethodoleg..., Trwy ddehongli'r canfyddiadau fel hyn... Gellir dod i'r casgliad mai...]



Overall presentation... Top Tips!

- By ensuring that you link each section of the project together [e.g. The purpose of this chapter is... as we shall see in the next chapter...]
- By signaling that you are aware of the uncertainty sometimes attached to adopting a position [e.g. Here, it could be argued..., Within the limitations of the methodology..., By interpreting the findings in this way... It might be concluded from this...]



Rhagor o awgrymiadau...

- Trwy ddefnyddio iaith llai uniongyrchol [e.e. efallai..., mae'n ymddangos..., o bosib..., byddai hyn yn awgrymu..., gallai fod...]
- Trwy ddefnyddio iaith sy'n dangos cefnogaeth i ymestyn syniadau, safbwyntiau a barn [yn yr un modd ..., ymhellach ..., yn ychwanegol ...]
- Trwy ddefnyddio iaith sy'n dynodi gwrthwynebiad o syniadau, safbwyntiau a barn [fel arall ..., ar y llaw arall ..., i'r gwrthwyneb ..., wedi dweud hynny ...]

Further Top Tips!

- By using less direct language [e.g. perhaps..., it would appear that..., possibly..., this would suggest..., it might be...]
- By using language which indicates support for an extension of ideas, views and opinions [similarly..., equally..., likewise..., furthermore..., in addition...]
- By using language which indicates an opposition of ideas, views and opinions [alternatively..., on the other hand..., conversely..., that said...]



Nodweddion Ymchwil

Research Dispositions

Bod yn ymchwilydd
medrus

Being a skilled researcher

Bod yn sgeptigol

Being sceptical

Bod yn foeseogol

Being ethical

Being part of an
inquiring profession

Bod yn rhan o
broffeiswn ymholgar



Manyleb Aesu

– Assessment Specification

Dyddiad cyflwyno aseiniad:

Assignment submission:

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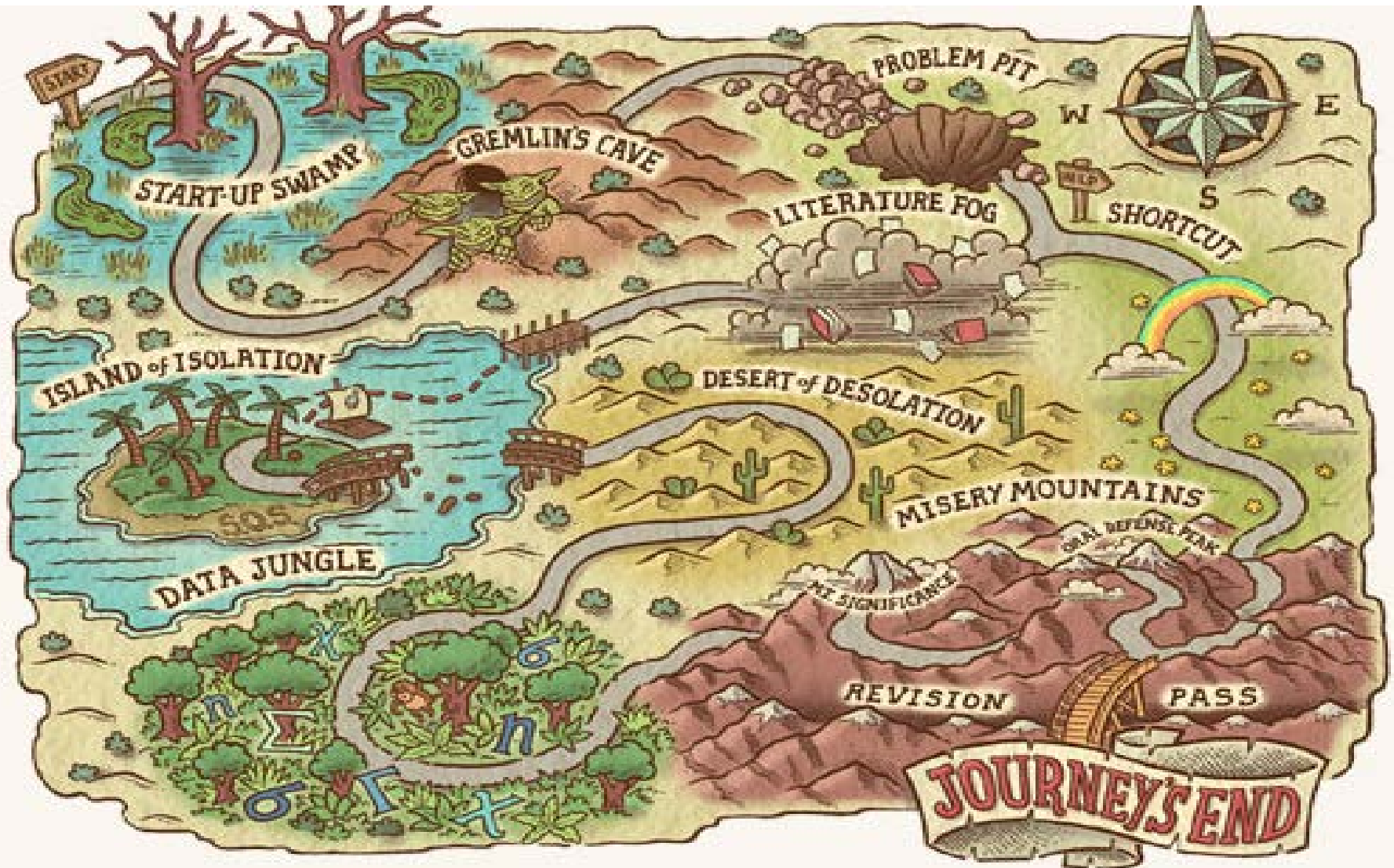


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Y Daith Ymchwil/The Research Journey



Source: [Academic Coaching and Writing](#)

Any questions?
Unrhyw gwestiynau?

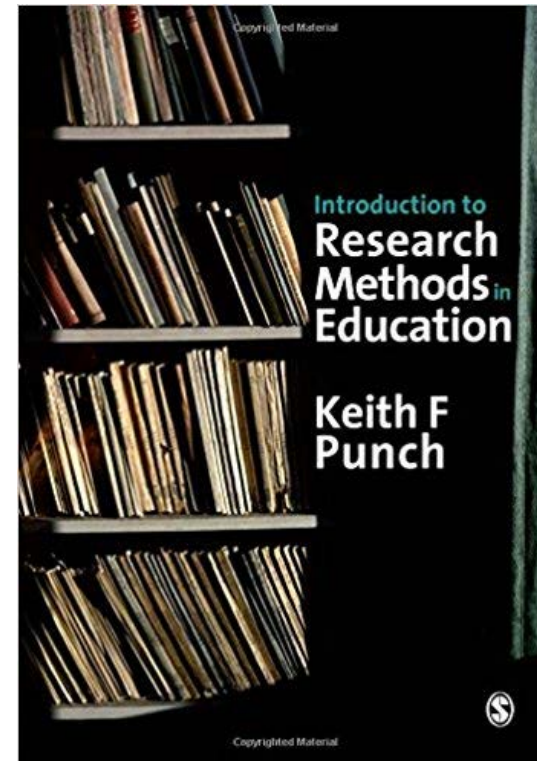
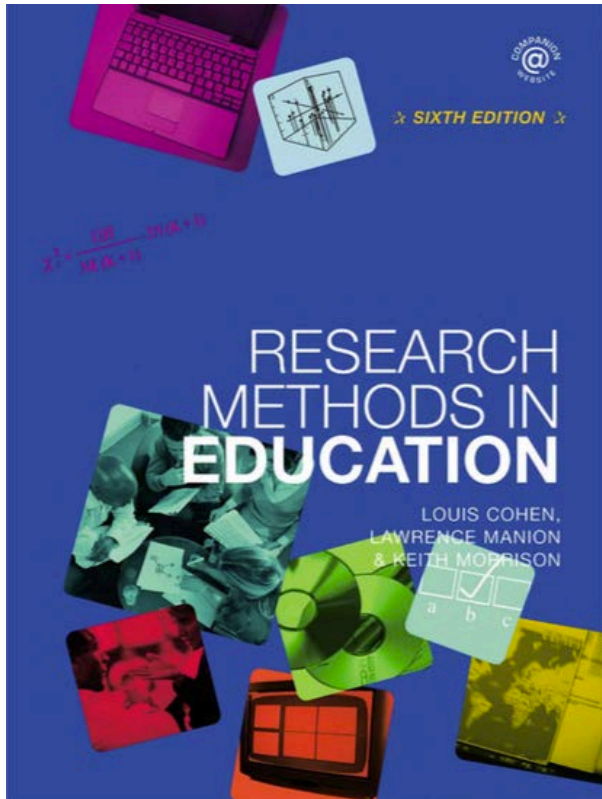


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Cyfeiriadau Defnyddiol – Useful References



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