

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 9



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

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

[www.athrofa.cymru](http://www.athrofa.cymru)

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



Bod yn ymarferydd moesegol– Being an ethical practitioner



Ystyriaethau Moesegol ac Ymchwil – Ethical Considerations & Research



Canllawiau moeseg – Ethical Guidelines

# Yr Athrofa Research Dispositions

## Being sceptical

- Understand **empirical evidence** in contested fields
- Being aware of political, economic and social drivers for 'evidence'

## Being ethical

- Knowing and using **ethical principles** of research
- Understanding **positionality**

## Being a skilled researcher

- Understanding **qualitative** and **quantitative** methods
- Be able to **construct an argument** based on **evidence**
- Employing **critical reading** skills

## Being part of an inquiring profession

- Proactively contributing to a range of audiences
- **Actively engaging with the inquiry** and findings of others

# Agweddau Ymchwil Yr Athrofa

## Bod yn sgeptigol

- Deall **tystiolaeth empirig** mewn meysydd a amheuir
- Bod yn ymwybodol o yrwyr gwleidyddol, economaidd a chymdeithasol ar gyfer 'tystiolaeth'

## Bod yn foesegol

- Gwybod a defnyddio **egwyddorion moesegol** ymchwil
- Deall **safleoldeb (positionality)**

## Bod yn ymchwilydd crefftus

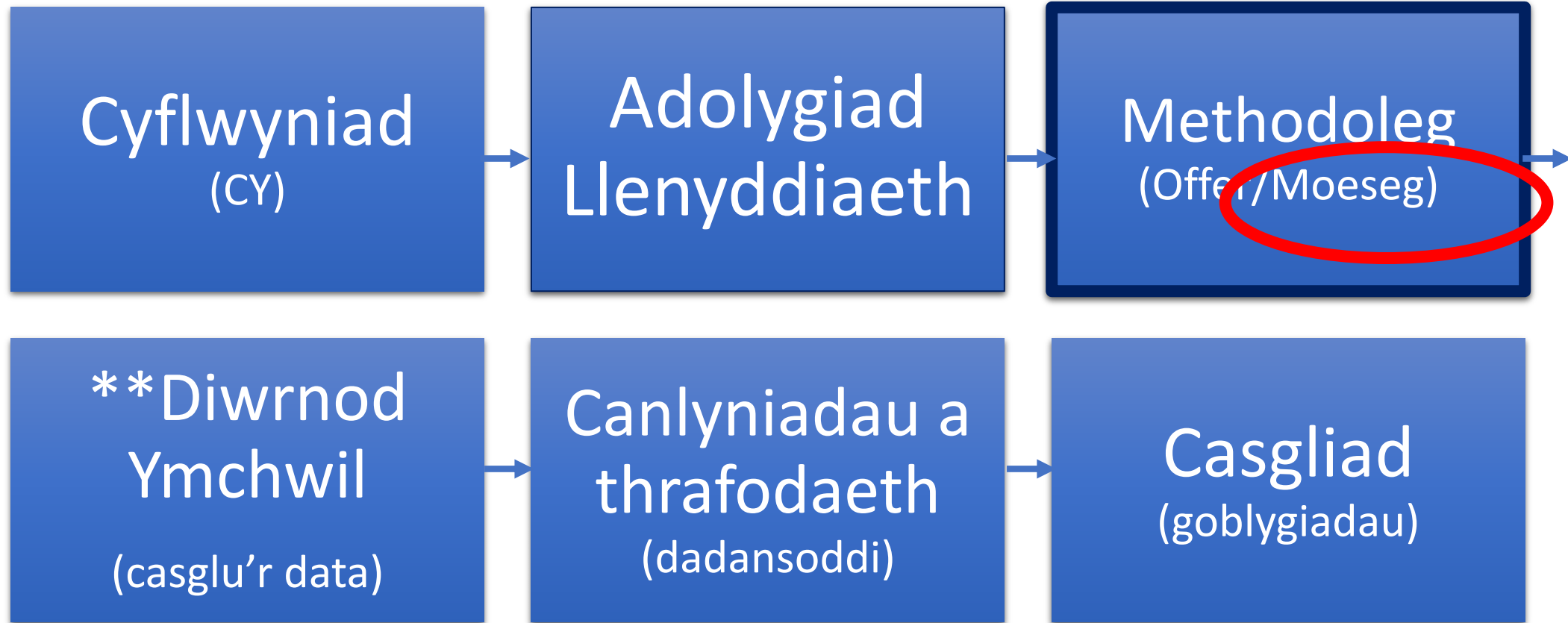
- Deall dulliau **ansoddol** a **meintiol**
- Gallu **llunio dadl** yn seiliedig ar **dystiolaeth**
- Defnyddio sgiliau **darllen beirniadol**

## Bod yn rhan o broffesiwn ymholgar

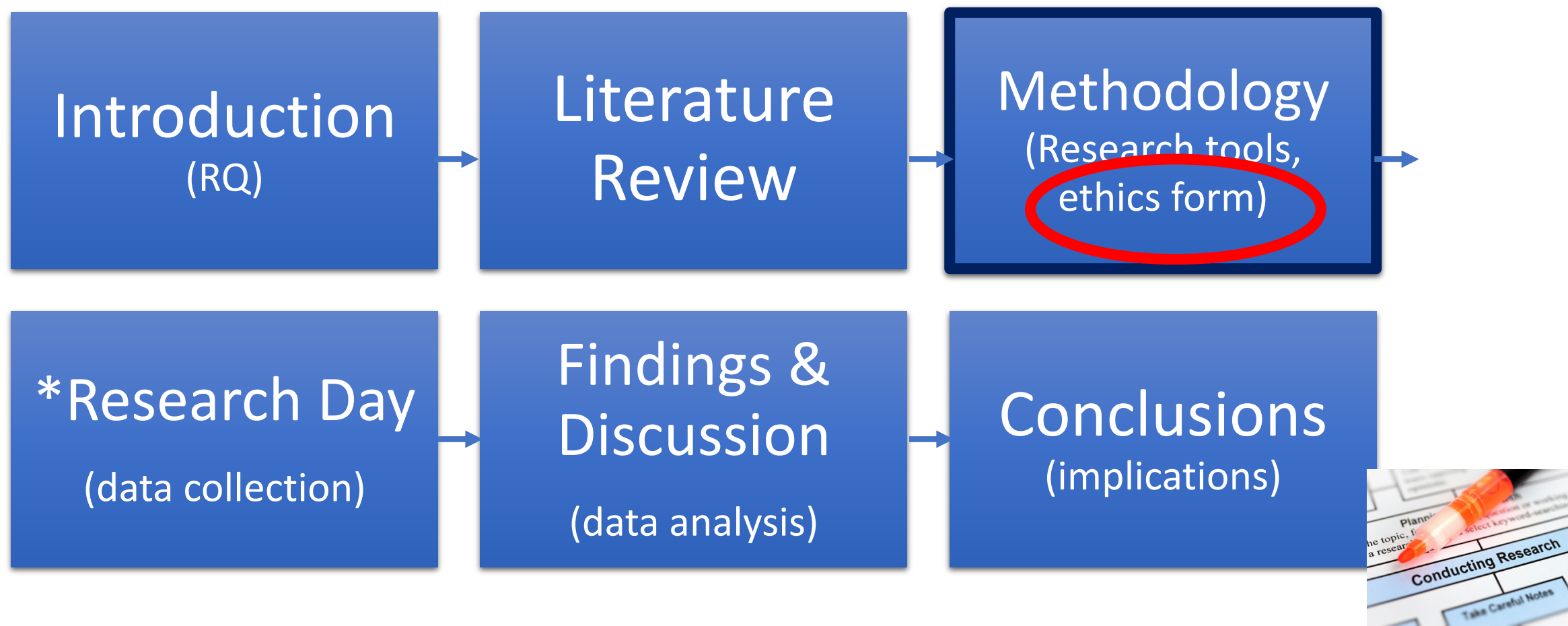
- Cyfrannu'n rhagweithiol at ystod o gynulleidfaoedd
- **Cymryd rhan weithredol** mewn ymholiadau a chanfyddiadau pobl eraill



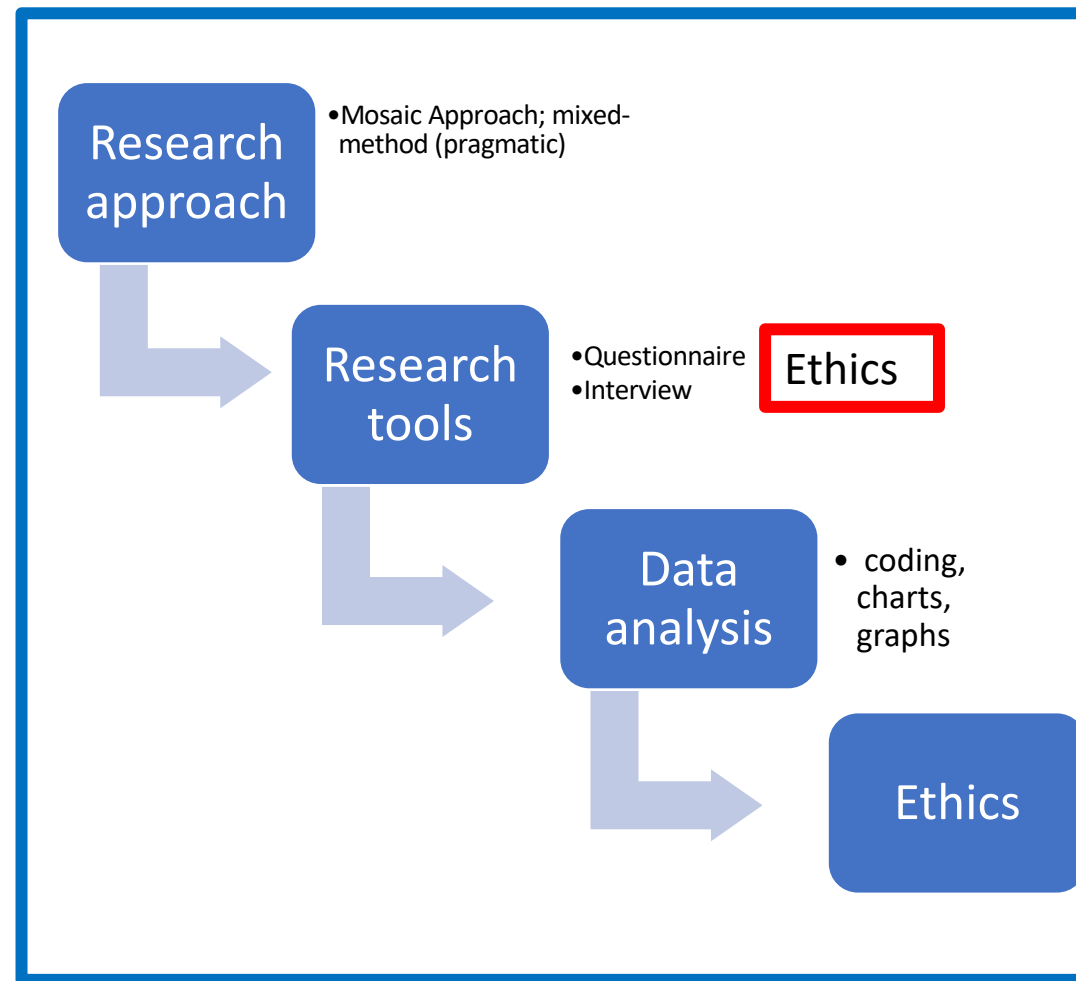
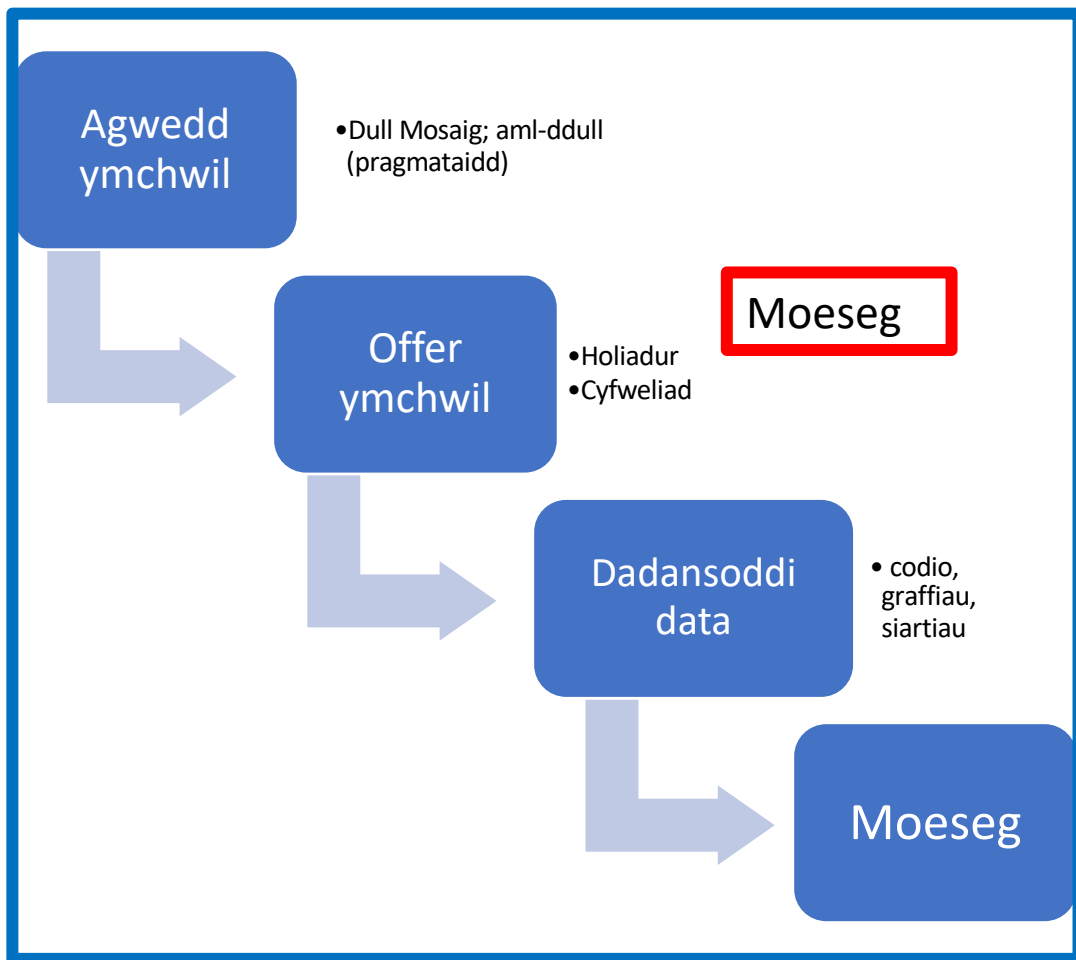
# Dylunio a chynnal astudiaeth ymchwil



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

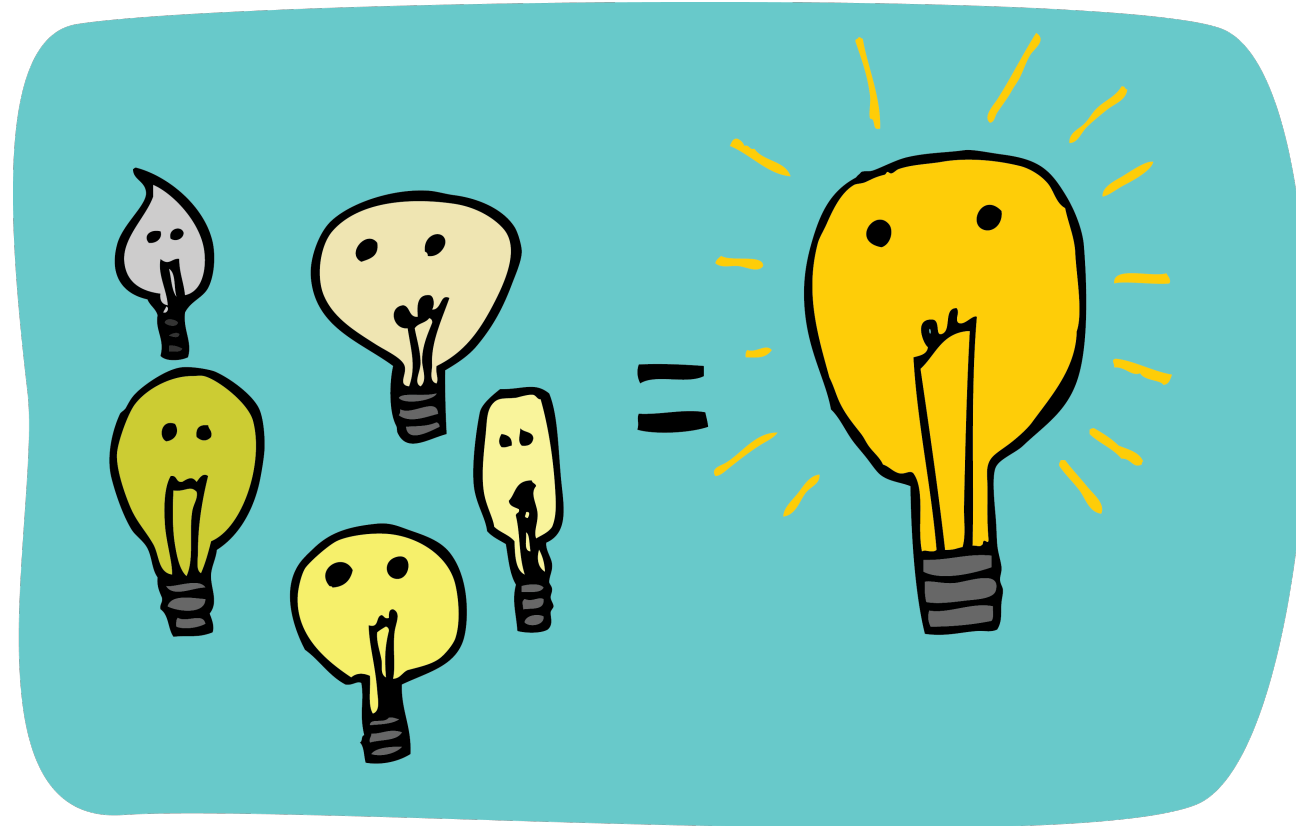


# Methodoleg - Methodology



Beth wyddoch am foesege?

What do you know about ethics?



# Adolygu - Revision ECAD4010-C

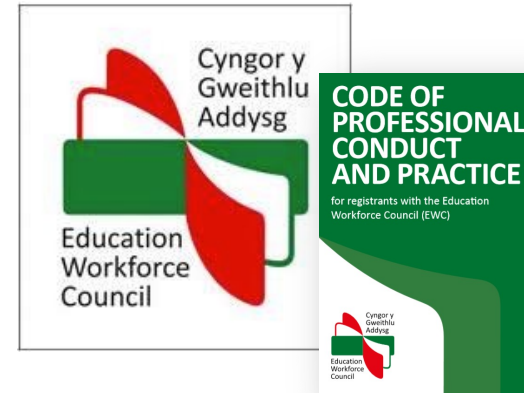
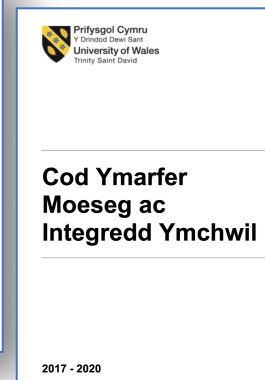
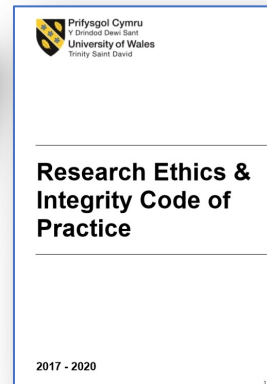
Ethics are **sets of moral principles** or norms that are used to guide moral choices of behaviour and relationships with others.

Gray, D (2018, p.70) *Doing Research in the Real World*. London: Sage Publications Ltd.

## BERA (2018) guidelines Canllawiau Moeseg BERA (2018)

The BERA guidelines include consideration of the researcher's responsibilities to participants such as:

- Consent/assent
- Right to withdraw
- Harm
- Privacy and data storage



Pam mae codau moesegol gennym?  
Why do we have ethical codes?



Ufudd-dod neu gydymffurfiaeth?  
Obedience or conformity?



Stanley Milgram – arbrawf/experiment

# Moeseg ag Ymchwil Addysgol

## Ethics & Educational Research

- Caniatâd/Cydsyniad
- Cyfrinachedd
- Rheoli data
- Canllawiau BERA

[https://www.youtube.com/watch?v=WIV\\_aR4995I](https://www.youtube.com/watch?v=WIV_aR4995I)

- Consent/Assent
- Confidentiality
- Data management
- BERA Guidelines



<https://www.bera.ac.uk/resources/all-publications/resources-for-researchers>

# Ymddygiad moesegol ac athrawon

## Ethical behaviour and teachers

Cod Ymddygiad ac  
Ymarfer Proffesiynol  
ar gyfer Cofrestreion  
gyda Chyngor y  
Gweithlu Addysg  
(CGA)



EWC Code of  
Professional Conduct  
and Practice for  
Registrants with the  
Education Workforce  
Council

[http://www.ewc.wales/site/images/documents/regulatory/EWC\\_Code\\_of\\_Professional\\_Conduct\\_Practice\\_E.pdf](http://www.ewc.wales/site/images/documents/regulatory/EWC_Code_of_Professional_Conduct_Practice_E.pdf)

# Caniatâd gwirfoddol, gwybodus

## Voluntary, informed consent

Mae hyn yn un o  
egwyddorion sylfaenol  
ymddygiad moesegol mewn  
ymchwil.

This is a fundamental  
tenet of ethical behaviour  
in research.

*'It is normally expected that participants' voluntary informed consent to be involved in a study will be obtained at the start of the study, and that the researchers will remain sensitive and open to the possibility that participants may wish, for any reason and at any time, to withdraw their consent' (BERA, 2018, p.9).*

# Bydd angen i chi ystyried Cydsyniad

## You will need to consider Assent

UNCRC Erthygl 12: Dylai plant gael llais mewn materion sy'n effeithio arnynt

UNCRC Article 12: children should have a say in matters that affect them

Erthygl 12 CCUHP  
*UNCRC Article 12*



"mae'r plentyn sydd yn medru ffurfio ei farn (barn) ei hun â'r hawl i fynegi'r barn honno yn rhydd ym mhob mater sydd yn effeithio ar y plentyn."

"the child who is capable of forming his or her own views has the right to express those views freely in all matters affecting the child."



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School Councils Wales



# Bydd angen i chi ystyried:

## You will need to consider:

- **Pwy** sydd angen rhoi caniatâd?
- **Sut** y byddwch chi'n gofyn amdano?
- **Hawl** y cyfranogwyr i **dynnu'n ôl**
- **Who** needs to give consent?
- **How** will you ask for it?
- Participants' **right to withdraw**



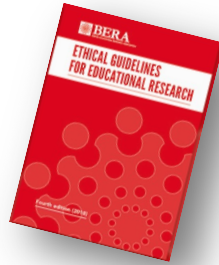
## Pa wybodaeth sydd angen i mi gynnwys ar y ffurflen caniatâd?

## What information do I need to include on a consent form?

# Ymddwyn yn Foesebol

**Rhaid i'r plant a ddewiswyd i gyfweld ddeall eu hawl i:**

- wrthod cymryd rhan heb ganlyniadau andwyol;
- beidio ag ateb cwestiynau penodol heb orfod rhoi rheswm;
- dynnu'n ôl o'r ymchwil ar unrhyw bwynt heb ganlyniadau anffafriol.



# Behaving ethically

**Any children chosen to take part also need to understand their right:**

- to refuse to participate without adverse consequences;
- not to answer specific questions without having to give a reason;
- to withdraw from the research at any point without adverse consequences.



# Cydsyniad... Parhaus

- Mae rhai ymchwilwyr yn defnyddio system tic/croes neu wyneb hapus/trist i sicrhau cydsyniad parhaus. Gellir gwneud hyn hefyd gyda chardiau datganiad dwyffordd.
- Trwy roi cerdyn dwyffordd i'r plant, yn syml, gallant droi'r cerdyn i ddangos eu bod yn hapus i barhau neu eu bod eisiau gadael.

Rwy'n hapus i barhau

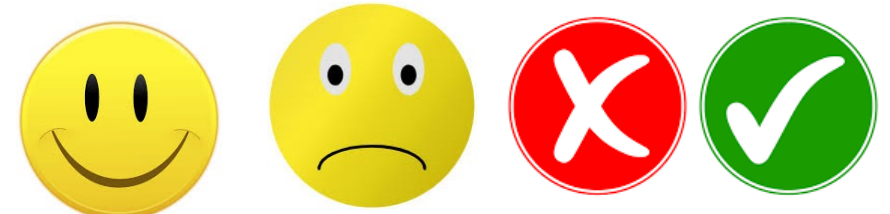


Hoffwn i adael



# Consent... ongoing...

- Some researchers use a smiley/sad-face or tick/cross system to ensure on-going assent. This can also be done with reversible statement cards.
- By giving children a reversible card they can simply switch the card over to indicate that they are happy to continue or that they wish to leave.



I would like to leave

I am happy to continue

<https://www.ewc.wales/site/index.php/en/statistics-and-research/practitioner-research/research-ethics.html>

# Cyfrinachedd ac Anhysbysrwydd

## Confidentiality & Anonymity



*'The confidential and anonymous treatment of participants' data is considered the norm for the conduct of research' (BERA, 2018, p.21*



- Mae gan y cyfranogwyr yn eich ymchwil yr hawl i breifatrwydd.
- Cyflawnir hyn drwy sicrhau eich bod yn rheoli eich data ymchwil yn gyfrinachol ac yn ddienw.

- The participants in your research have the right to privacy.
- This is achieved through ensuring you manage your research data with confidentiality and anonymity in mind.



# Cyfrinachedd / Anhysbysrwydd

- Nid yw rhain yr un peth.
- Dylid sicrhau bod pawb sy'n cymryd rhan yn gwbl ymwybodol o fwriad yr ymchwilydd o ran anhysbysrwydd a chyfrinachedd.
- Mae **cyfrinachedd** yn golygu peidio â datgelu gwybodaeth gan gyfranogwr mewn unrhyw ffordd a allai adnabod yr unigolyn hwnnw neu ganiatáu iddo gael ei olrhain.
- Mae **anhysbysrwydd** yn golygu na all yr ymchwilydd na pherson arall adnabod y cyfranogwr o'r wybodaeth a ddarparwyd.

<https://www.ewc.wales/site/index.php/en/statistics-and-research/practitioner-research/research-ethics.html>

# Confidentiality / Anonymity



- ... are not the same.
- All participants should be made fully aware of the degree of anonymity provided by the researcher.
- **Confidentiality** means not disclosing information from a participant in any way that might identify that individual or allow them to be traced.
- **Anonymity** means that the researcher or another person cannot identify the participant from the information provided. <https://www.ewc.wales/site/index.php/en/statistics-and-research/practitioner-research/research-ethics.html>

# Anonymisation of data

*School A....*

*Pupil 1...*

*Teacher A...*



Being able to share your research is important. However, ethically we must protect our participants.



Wherever possible, you should not collect identifying information (such as name, address) for your participants.



You should anonymise your data at source.



# Anhysbysrwydd - data yn anhysbys/di-enwi?

Mae gallu rhannu eich ymchwil yn bwysig. Fodd bynnag, yn foesegol, mae'n rhaid i ni ddiogelu ein cyfranogwyr.

Lle bynnag y bo modd, ni ddylech gasglu gwybodaeth adnabod (fel enw, cyfeiriad) ar gyfer eich cyfranogwyr.

Dylech gadw'ch data'n ddienw o ddechrau'r broses.

*Ysgol A....*

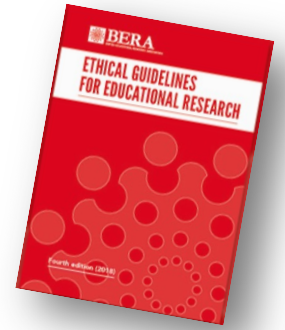
*Athrawes/ Athro 1*

*Disgybl 1*



# Materion Moesegol

## Ethical considerations



- Goblygiadau ar gyfer pŵer/goruchafiaeth yn y lleisiau sy'n cael eu clywed
- Sicrhau bod llais y dysgwr yn cael ei glywed, ei werthfawrogi ac yn arwyddocaol
- Cydsyniad (assent) a Chaniatâd (consent)
- Anhysbysrwydd, cyfrinachedd, diffyg ymyrraeth, gonestrwydd, parch, ymwybyddiaeth.
- Implications for power/ dominance in the voices being heard
- Ensure that the learner's voice is heard, valued and significant
- Assent and consent
- Anonymity, confidentiality, non-intrusion, honesty, respect, awareness

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

# Beth sy'n anghywir?

- Ystyriwch bob un o'r senarios prosiect ymchwil unigol canlynol yn ofalus.



- Trafodwch ag eraill sut y gallech chi sicrhau bod pob sefyllfa yn foesegol gadarn.

# What is wrong here?

- Group task: Consider each of the following individual research project scenarios carefully.
- Discuss with others how you might ensure that each situation was ethically sound.

# Tasg Gyfeiriedig – Directed Task

Darllen/Read:

Blackburn, C. (2018) *Researching with young and developmentally young children: Ethical considerations, dilemmas and compromises*. In BERA Bites: Early Childhood, Issue 1.

<https://www.bera.ac.uk/publication/issue-1-early-childhood>

# Paratoi at gwblhau'r Ffurflen Foeseg a'r Aseiniad



Tasg: Gan ddefnyddio'r wybodaeth a gafwyd o sesiynau hyd yma, **paratowch sleid** yn amlinellu'r ystyriaethau moesegol sydd eu hangen **wrth gynnal eich prosiect ymchwil (holiadur/cyfweliad)**. Sut y byddwch yn diogelu'ch cyfranogwyr?

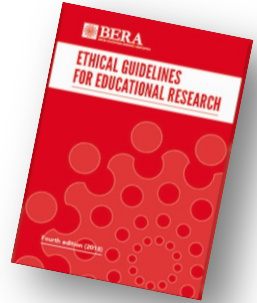
Dylech gyfeirio at:

- y dasg darllen dan gyfarwyddyd
- Canllawiau BERA; Cod Ymarfer Moeseg ac Integredd Ymchwil PCYDDS

- Cydsyniad/Caniatâd
- Hawl i dynnu nôl
- Preifatrwydd a storio data

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

# Preparation for completing the 'Ethics Form' & Assignment



**Task:** Using the information that you have gained from the sessions so far, prepare a **ppt slide**, outlining the ethical considerations needed to conduct your **research project** (questionnaire/interview). How will you protect your participants?

You should refer to:

- The directed reading
- BERA Guidelines; UWTSD Research Ethics & Integrity Code of Practice

- Consent/assent
- Right to withdraw
- Privacy and data storage

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

# Quiz Cwis

<https://create.kahoot.it/share/enter-kahoot-title/d7560382-0d3d-466a-9899-79830551a9c6>



<https://create.kahoot.it/share/53cd80a3-2320-4eae-95b9-7620e6feca4e>



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# Cyfeiriadau - References

- 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> (Chapter/ Pennod 3)
- British Educational Research Guidelines (BERA, 2018)  
<https://www.bera.ac.uk/publication/ethical-guidelines-for-educational-research-2018>
- Blackburn, C. (2018) *Researching with young and developmentally young children: Ethical considerations, dilemmas and compromises*. In BERA Bites: Early Childhood, Issue 1.  
<https://www.bera.ac.uk/publication/issue-1-early-childhood>
- EWC -  
[http://www.ewc.wales/site/images/documents/regulatory/EWC Code of Professional Conduct Practice E.pdf](http://www.ewc.wales/site/images/documents/regulatory/EWC_Code_of_Professional_Conduct_Practice_E.pdf)