

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



Yr Athrofa

Addysg a'r Dyniaethau
Education and Humanities



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

- Bod yn ymarferydd moesegol
- Caniatâd rhiant/cydsyniad plentyn
- Cyfrinachedd
- Rheoli data
- Being an ethical practitioner
- Parental consent/child assent
- Confidentiality
- Data management

Nodweddion Ymchwil

Research Dispositions

Bod yn ymchwilydd
medrus

Being a skilled researcher

Bod yn sgeptigol

Being sceptical

Bod yn foeseinol

Being ethical

Being part of an
inquiring profession

Bod yn rhan o
broffeiswn ymholgar



Moeseg ag Ymchwil Addysgol

Ethics & Educational Research

- Caniatâd/Cydsyniad
- Cyfrinachedd
- Rheoli data
- Canllawiau BERA
- Consent/Assent
- Confidentiality
- Data management
- BERA Guidelines



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

Bod yn ymarferydd moesegol

Being an ethical practitioner

Bydd angen i chi ystyried: You will need to consider:

- Caniatâd (caniatâd gwirfoddol, gwybodus)
- Consent (voluntary, informed consent)



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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).



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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



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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



Enghraifft o ffurflen caniatâd

Example of a consent form

- Pa wybodaeth sydd angen ei gynnwys?
- What information do I need to include?

Ymddwyn yn Foesebol Behaving ethically

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.

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... rhai syniadau

- Mae rhai ymchwilwyr yn defnyddio system tic/croes neu wynebaw 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.



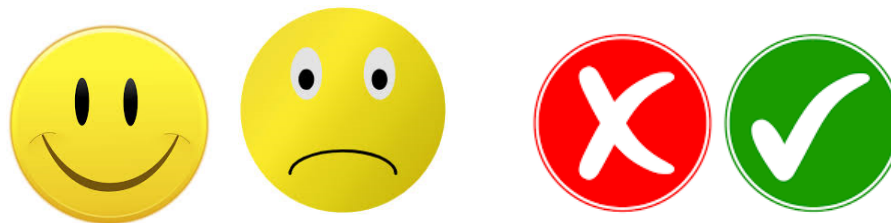
Rwy'n hapus i barhau

Hoffwn i adael

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

Ideas for ongoing consent

- 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 am happy to continue

I would like to leave

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

Cydsyniad gan blant ifanc - darlun

- Mae rhai ymchwilwyr yn defnyddio bathodynau, sticeri neu fandiau lliw gwahanol i'r plant eu gwisgo er mwyn dangos p'un ai a ydynt yn hapus i gael eu harsylwi
- Ar ôl esbonio y bydd recordiad fideo o'r sesiwn Feithrin ar gael i'w wyllo nes ymlaen, gall y plant ddewis bathodynau, sticeri neu fandiau melyn neu wyrdd i ddangos p'un ai a ydynt yn hapus i'w hathrawon eu gwylio nes ymlaen ar y fideo. (Ni allant, yn yr achos hwn, ddewis peidio â chael eu cynnwys yn y fideo).
- Bydd y bathodynau, sticeri neu'r bandiau ar gael i'r plant trwy gydol y sesiwn, fel y gallant newid eu meddwl ar unrhyw adeg.
- Mae ymchwilwyr sy'n defnyddio'r dulliau cytuno hyn am y tro cyntaf yn aml yn synnu sut mae'r rhan fwyaf o'r plant yn gallu gwneud penderfyniadau o'r fath mewn modd pwrpasol.

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



Illustration...assent from young children

- Some researchers use different coloured badges, stickers or bands for children to wear to show if they are happy to be observed
- E.g., after explaining that there is a video recording of the Nursery session that will be watched later, children can choose yellow or green badges, stickers or bands to indicate if they are happy for their teachers to make notes about them later while watching the video. (They can't, in this case, choose not to be videoed).
- Children have access to the badges, stickers or bands throughout the session so can change their minds at any point.

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



Enghraifft

- Mae Rhodri yn ymchwilio i'r graddau y mae'r plant Meithrin yn dewis amrywiaeth o weithgareddau chwareus dros gyfnod sesiwn, neu'n tueddu tuag at yr un rhai. Mae wedi penderfynu y bydd recordio tair sesiwn ar fideo ac olrhain symudiadau plant rhwng pob dewis chwarae, a'r amser a dreuliant wrth bob dewis, yn rhoi data defnyddiol iddi hi.
- Sut gallai Rhodri:
 - hysbysu'r plant am yr hyn mae'n bwriadu ei wneud?
 - penderfynu p'un ai a all y plant ddewis peidio â bod yn y fideo? Os felly, sut mae'n sicrhau'r opsiwn hwn?
 - ceisio cytundeb y plant i olrhain eu dewisiadau chwarae er mwyn helpu ei ymchwil?
 - sicrhau cytundeb parhaus gan y plant i gymryd rhan?



Example

James is researching the extent to which the Nursery children choose a variety of playful activities over the period of a session, or tend towards the same ones. He has decided that video-recording three sessions and tracking children's movements between play choices and time spent at each choice will provide him with some useful data.

How might James:

- inform the children about what she is planning to do?
- decide whether children can opt out of the video? If so, how does she secure this option?
- seek children's assent to have their play choices tracked to help her research?
- secure ongoing assent from the children to be involved?



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 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

- 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-enw?

- 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.

Quiz Cwis



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Any questions?
Unrhyw gwestiynau?



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Reference Cyfeirnod

Canllawiau BERA Guidelines

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



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