



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



Trawsnewid Addysg Gyda'n Gilydd Transforming Teaching Together

ECAD6017: Researching the Learning: what, how and why am I teaching?

www.uwtsd.ac.uk





Darlith Arweiniol 1

Dydd Mawrth, Medi 29ain

- Cyflwyniad i'r modwl, dull o weithio a manyleb yr aseiniad



Lead Lecture: 1

Tuesday, 29th of September

- Introduction to the module, ways of working and assessment specification

Dyddiad/ Date	Cynnwys/Content
Dydd Mawrth - Tuesday 29.09.26 9:00-10:40	Darlith Arweiniol 1: Cyflwyniad i'r modiwl a'r aseiniad. Lead Lecture 1: Introduction to the module and assignment
Dydd Mawrth – Tuesday 06.10.26 9:00-10:40 11:00-12:40	Darlith Arweiniol 2: Cyflwyniad i Astudiaeth Achos Lead Lecture 2: Introduction to Case Study Seminar 1: Dechrau Llyfr Lloffion – Start Research Journal
Dydd Mawrth – Tuesday 13.10.26 9:00-10:40	Darlith Arweiniol 3: Fframio y Testun Ymchwil a Safleoldeb Lead Lecture 3: Framing the Research Topic & Positionality
Dydd Mawrth – Tuesday 20.10.26 9:00-10:40 11:00-12:40	Seminar 2: Cefnogaeth fframio testun ymchwil – Support with framing the research topic Darlith Arweiniol 4: Darllen ac ysgrifennu beirniadol Lead Lecture 4: Critical reading and writing
Dydd Mawrth – Tuesday 03.11.26 9:00-10:40 11:00-12:40	Seminar 3: Adolygiad Llenyddiaeth– Literature Review Tiwtorial-Tutorial 1: Ffocws ar lenyddiaeth – Focusing on literature
Dydd Mawrth – Tuesday 10.11.26 9:00-10:40	Darlith Arweiniol 5: Cwestiwn Ymchwil a dyluniad ymchwil Lead Lecture 5: The Research Question and research design

Dyddiad/ Date	Cynnwys/Content
Dydd Mawrth - Tuesday 17.11.26 9:00-10:40 11:00-12:40	Seminar 4: Dyluniad Ymchwil – Research Design Tiwtorial – Tutorial 2: CY-Dyluniad Ymchwil – Focus on RQ/R.Design
Dydd Mawrth – Tuesday 24.11.26 9:00-10:40	Darlith Arweiniol 6: Ystyriaethau Moesegol Lead Lecture 6: Ethical Thinking
Dydd Mawrth – Tuesday 01.12.26 9:00-10:40 11:00- 12:40	Seminar 5: Ffurflen Foeseg – Ethics Form Tiwtorial – Tutorial 3: Cyflwyno’r ffurflen foeseg – Submit Ethics Form
Dydd Mawrth – Tuesday 05.01.27 9:00-10:40 11:00-12:40	Darlith Arweiniol 7: Dadansoddi Data Lead Lecture 7: Data Analysis Seminar 6: Barod i ymchwilio – Research Ready
18.01.27 – 22.01.27	Profiad Dewisol – Electives Experience
Dydd Mawrth – Tuesday 26.01.27 9:00-10:40 11:00-12:40 1:30-3:10	Darlith Arweiniol 8: Adfyfyrio – 'gwybod, bod, gweithredu' Lead Lecture 8: Reflection –' knowing, being and acting' Seminar 7: Ymgysylltu gyda’r data - Engaging with your data, themes Tiwtorial-Tutorial 4: galw heibio/drop in

Learning outcomes:

Design and apply

- Design and apply appropriate research methodologies demonstrating a critical understanding of the nature of educational research: being a skilled researcher;

Reflect

- Critically reflect upon the centrality of ethical practice within classroom-based research, and demonstrate deep understanding of its principles: being an ethical researcher;

Show

- Show some autonomy in conducting close-to-practice inquiry to transform an aspect of personal practice which positively impacts learner outcomes: show rigour in the application of appropriate research skills;

Analyse and evaluate

- Critically analyse and evaluate the relevant empirical evidence including education literature and policy documents, to identify key concepts and use this to formulate suitable approaches to transform classroom practice;

Evaluate

- Critically evaluate research evidence, showing sound judgement of data to support pedagogic decisions and sharing outcomes in a professional setting: being part of an inquiry-based profession.

Deilliannau Dysgu:

Dylunio a chymhwyso

- Cynllunio a chymhwyso dulliau ymchwil priodol gan ddangos dealltwriaeth feirniadol o natur ymchwil addysgol: bod yn ymchwilydd medrus;

Adfyfyrio

- Adfyfyrio'n feirniadol ar le canolog arfer moesegol o ran ymchwil yn y dosbarth., ac arddangos dealltwriaeth fanwl o'i egwyddorion: bod yn ymchwilydd moesegol;

Dangos

- Dangos rhywfaint o ymreolaeth wrth gynnal ymchwiliad agos-at-arfer i drawsnewid agwedd ar arfer personol sy'n effeithio'n gadarnhaol ar ganlyniadau dysgwyr: dangos trylwyredd wrth gymhwyso sgiliau ymchwil priodol;

Dadansoddi a gwerthuso

- Dadansoddi a gwerthuso'n feirniadol y dystiolaeth empirig berthnasol, gan gynnwys llenyddiaeth addysg a dogfennau polisi, i nodi cysyniadau allweddol a defnyddio hyn i ffurfio dulliau addas i drawsnewid arfer dosbarth

Gwerthuso

- Gwerthuso dystiolaeth ymchwil yn feirniadol, gan ddangos barn gadarn ynglŷn â data i gefnogi penderfyniadau addysgegol a rhannu deilliannau mewn cyd-destun proffesiynol: bod yn rhan o broffesiwn sy'n seiliedig ar ymholi.

Suggested calendar/timetable for electives week

Date	Suggested Activity
Day 1 Welcome	• Getting to know the school, e.g. expectations regarding arrival, base room, school information, a learning walk around school. • Induction into school including safeguarding and sharing any policies/vision/practice related to the student-teacher's area of interest. • Time given for student-teachers to arrange their research schedule. This should include opportunities to obtain consent, plans to gather data (observations, interviews) together with time given for independent work.
Day 2 Gathering Data	• Student-teachers begin to follow their lines of inquiry and gather evidence on their research focus. Methods to include observation, interviews, and questionnaires.
Day 3 Gathering data	• Students-teachers continue to follow their lines of inquiry. They should be able to complete data collection today.

Amserlen awgrymedig ar gyfer wythnos profiad dewisol

Dyddiad	Gweithgaredd Awgrymedig
Diwrnod 1 Croeso	• Dod i adnabod yr ysgol, e.e. disgwyliadau parthed cyrraedd, lleoliad gweithio, gwybodaeth am yr ysgol, taith ddysgu o amgylch yr ysgol. • Ymsefydlu yn yr ysgol gan gynnwys diogelu a rhannu unrhyw bolisiâu/gweledigaeth/arfer sy'n gysylltiedig â maes diddordeb y darpar-athrawon. • Rhoi amser i'r darpar athrawon drefnu eu hamserlen ymchwil. Dylai hyn gynnwys cyfleoedd i gael caniatâd, cynlluniau i gasglu data (arsylwadau, cyfweiliadau) ynghyd ag amser ar gyfer gwneud gwaith annibynnol.
Diwrnod 2 Casglu'r data	• Darpar-athrawon yn dechrau dilyn eu llinellau ymholi ac yn casglu tystiolaeth ar ffocws eu hymchwil. Dulliau i gynnwys arsylwi, cyfweiliadau a holiaduron.
Diwrnod 3 Casglu'r data	• Darpar-athrawon yn parhau i ddilyn eu llinellau ymholi. Dylent allu cwblhau'r broses o gasglu data heddiw.

Suggested calendar/timetable for electives week

Day 4 Reflection and Preparation	• Time for reflection and preparation - student-teachers should use today to review and clarify unanswered aspects of their research. • Student-teachers need time today to prepare their presentations for tomorrow.
Day 5 Presentation	• An opportunity for student-teachers to present their findings to peers and school/university colleagues. • Suggested structure: • Rationale for Elective choice • Review of key literature • Ethical thinking • Gathering of data and analysis • Findings • Recommendations • References

Amserlen awgrymedig ar gyfer wythnos profiad

Diwnrod 4 Adfyfyrio a Pharatoi	• Amser ar gyfer myfyrio a pharatoi – dylai'r darpar-athrawon athrawon ddefnyddio heddiw i adolygu a mireinio agweddau heb eu hateb ar eu hymchwil. • Mae angen amser ar y darpar-athrawon heddiw i baratoi eu cyflwyniadau ar gyfer yfory.
Diwrnod 5 Cyflwyniad	• Cyfle i'r darpar-athrawon i gyflwyno eu canfyddiadau i gyfoedion a chydweithwyr yn yr ysgol/prifysgol. • Strwythur awgrymedig: • Rhesymeg dros ddewis pwnc • Adolygiad o lenyddiaeth allweddol • Meddwl moesegol • Casglu data a dadansoddi • Canfyddiadau • Argymhellion • Cyfeiriadau



ECAD6017C – Atgoffwr Aseiniad

Gwaith cwrs (100%): Aseiniad
Ysgrifenedig Unigol

**Prosiect Ymchwil_– Astudiaeth
Achos yn seiliedig ar y Profiad
Dewisol.**

Cyfanswm geiriau: 4,000 o eiriau

Dyddiad cyflwyno: 03.02.27

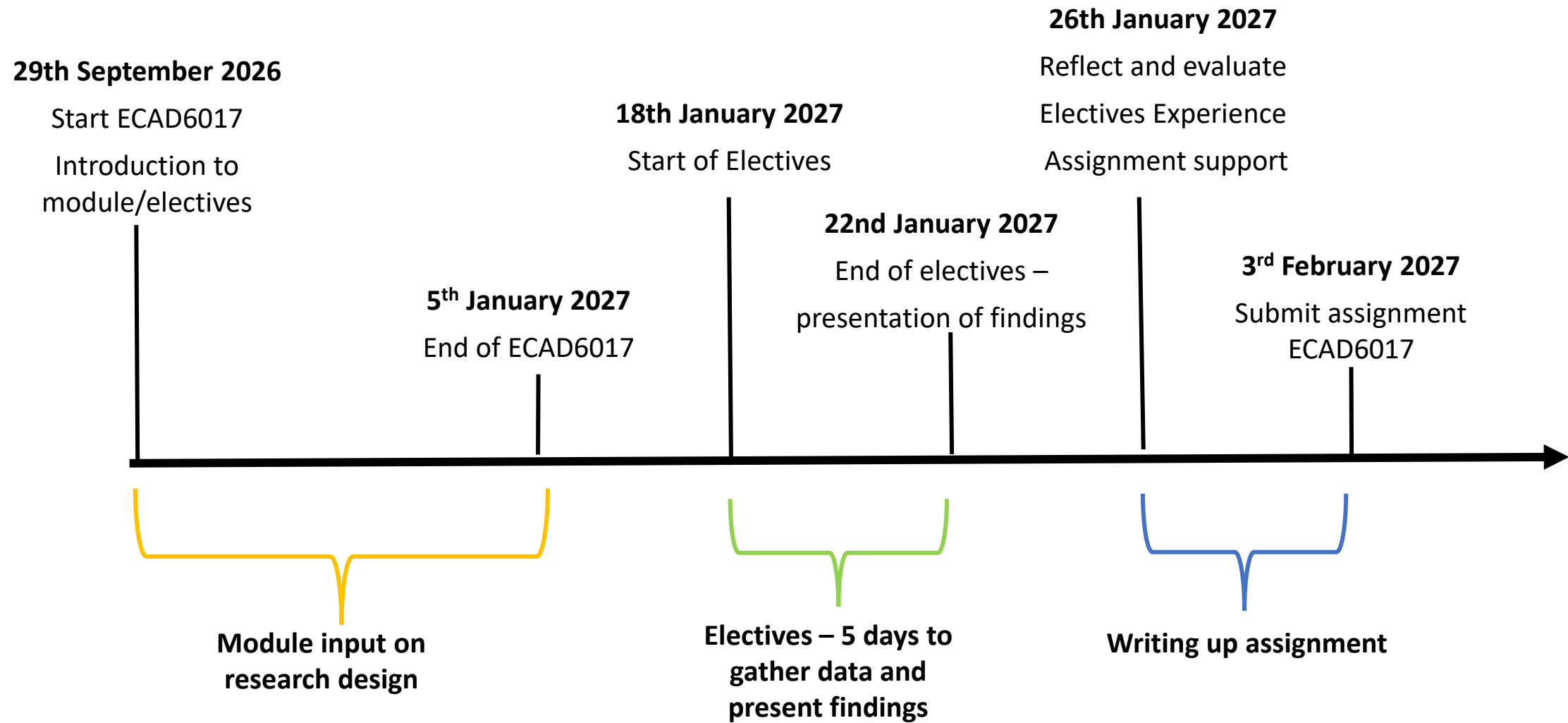
ECAD6017 Assessment Reminder

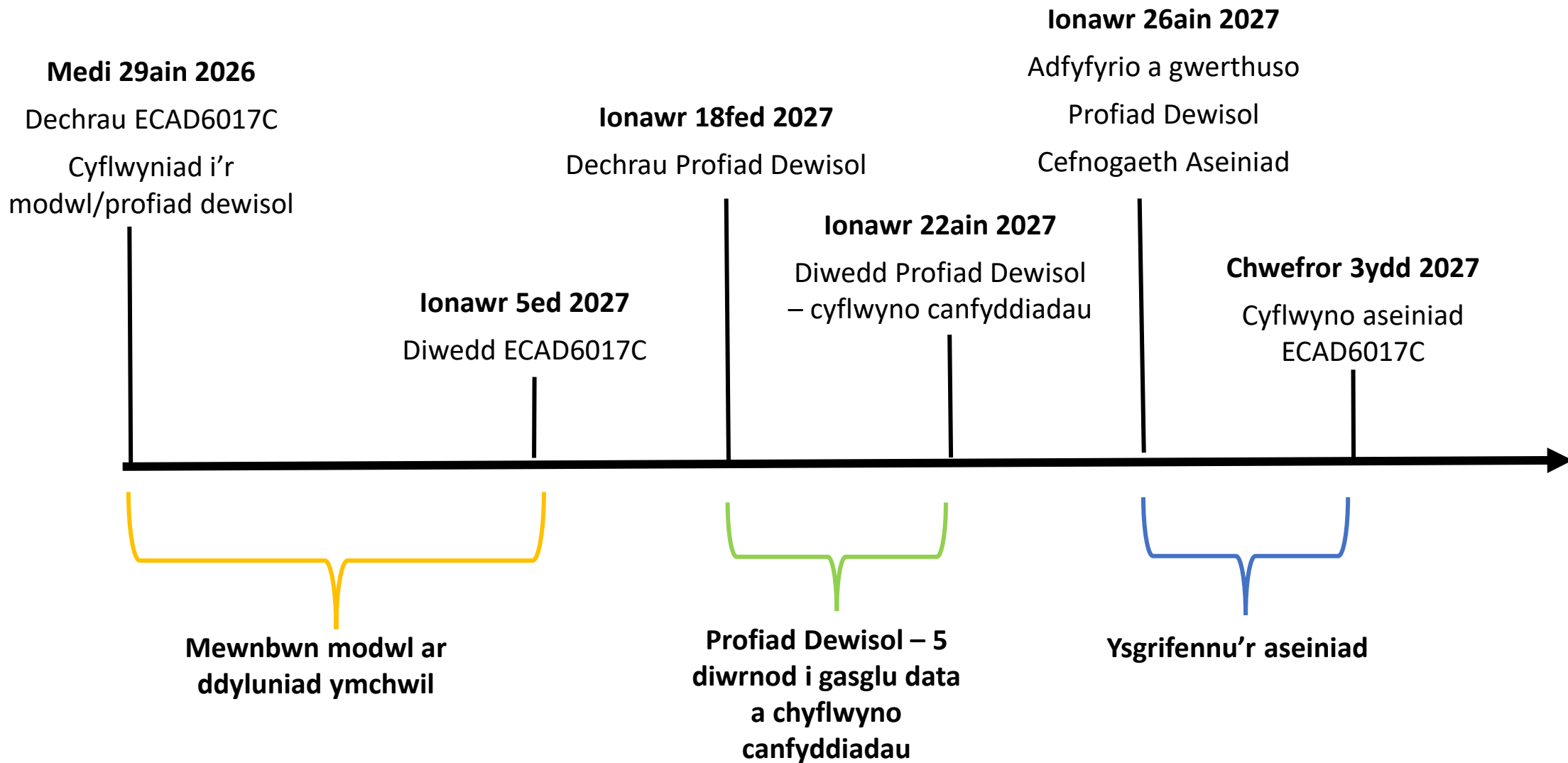
Coursework (100%): Individual
Written Assignment

**Research project_–Case Study
based on an Electives Experience.**

Word count: 4,000 words

Submission date: 03.02.27





Ymagwedddau 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 foesebol

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

Bod yn ymchwilydd medrus

- Deall dulliau **ansoddol** (qualitative) a **meintiol** (quantitative) methods
- 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

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

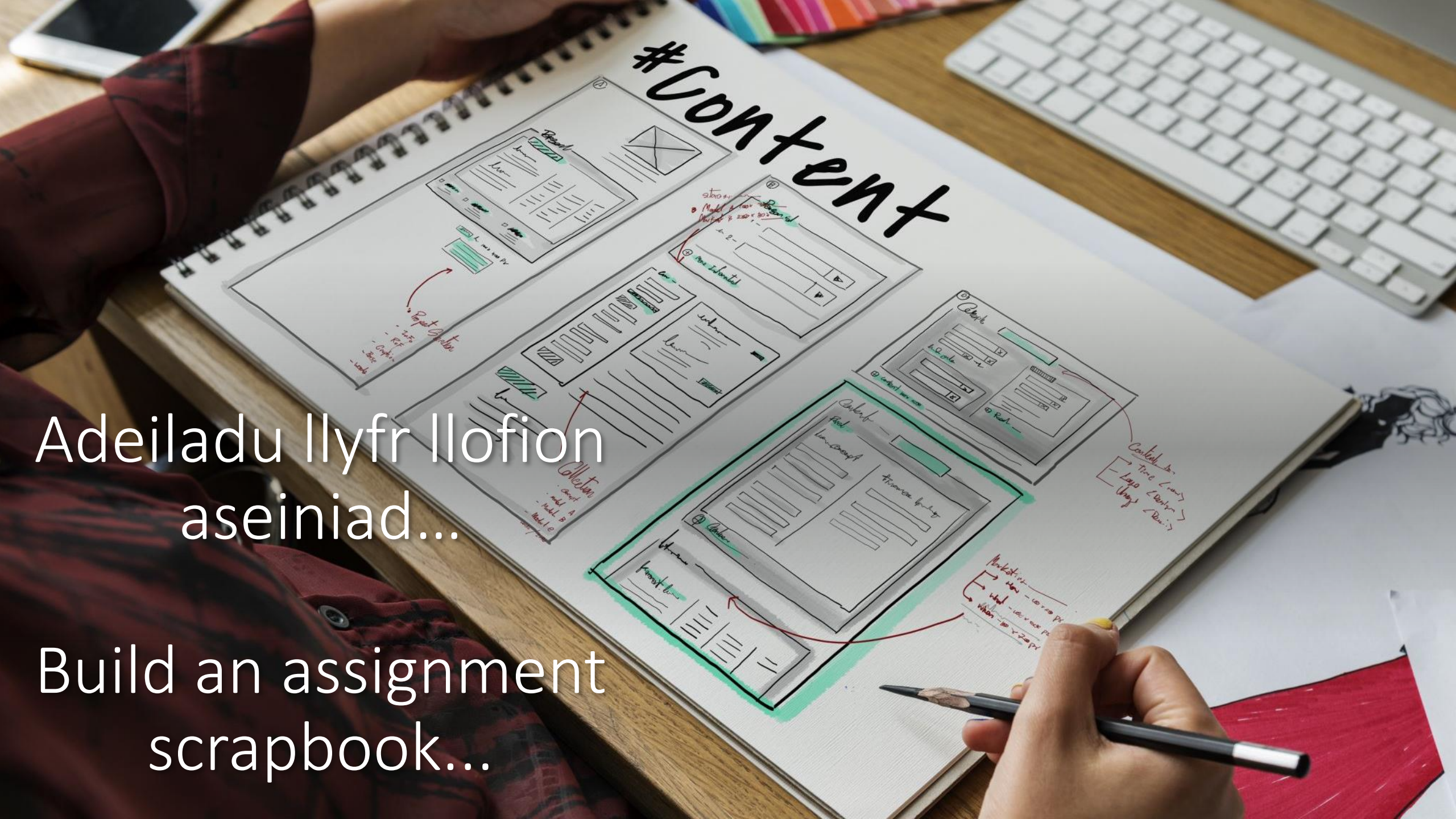
Being part of an inquiring profession

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

#Content

Adeiladu llyfr llofion
aseiniad...

Build an assignment
scrapbook...



Llyfr lloffion aseiniad / Assignment scrapbook

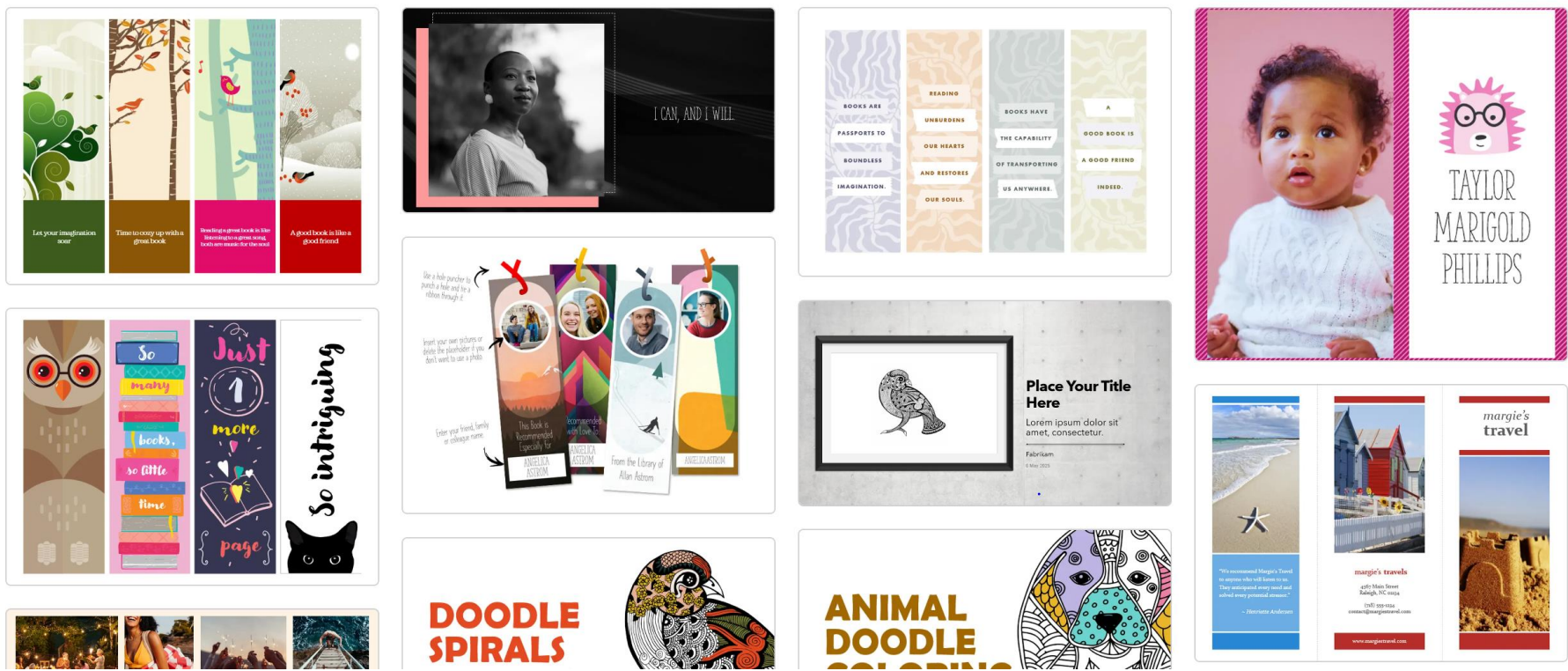
PowerPoint



< Back

Results for **scrapbook**

scrapbook



Example

Storytelling - the journey to becoming a teacher			
Choice 1	Choice 2	Choice 3	Change of thinking?
Add a few lines of narrative	Add a few lines of narrative	Add a few lines of narrative	Add a few lines of narrative

Enghraifft

Stori - y daith i ddod yn athro

Dewis 1

Dewis 2

Dewis 3

Newid
meddwl?

Ychwanegwch
ychydig o lineellau
o naratif

Ychwanegwch
ychydig o lineellau
o naratif

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