



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

200
1822 - 2022

Creativity and Value Creation Creadigrwydd a Chreu Gwerth

Level / Lefel 5

Research Methods / Dulliau Ymchwil

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**Introduction and Experiences
Cyflwyniad a Phrofiadau**



Task for next week:

Bring everything created for your assessment.

Introduction/Rationale for your research

- Why is it a hot topic – what is important about it?
- What do you already know about the topic from research (how do you know it?)
- What are the gaps / what is interesting about what you know?
- What research needs to be done?



Tasg ar gyfer wythnos nesaf:

Dewch a phopeth rydych wedi creu ar gyfer eich aseiniad.

Cyflwyniad / Rhesymeg dros eich ymchwil

- Pam mae e'n pwnc llosg – beth sy'n bwysig amdano?
- Beth i chi'n gwybod yn barod am eich pwnc llosg o'r ymchwil (sut i chi'n gwybod hyn?)
- Beth ydy'r bylchau / beth sy'n ddiddorol am yr hyn i chi'n gwybod amdano?
- Pa ymchwil sydd angen cwblhau?

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Research Questions and Aim & Methodology

- What approach/ methodology are you using? Why?
- What methods are you using?
- Why?
- How?
- How would you intend the data to be analysed [if the study was actually being done]?

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Cwestiwn ymchwil a nod a Methodoleg

- Pa fethodoleg rydych chi'n bwriadu defnyddio? Pam y dull yma?
- Pa ddulliau i chi'n defnyddio?
- Pam?
- Sut?
- Sut i chi'n bwriadu dadansoddi'r data (petai'r bwriad o gasglu'r data yn digwydd go iawn)?

Today's objectives: / *Amcanion heddiw :*

Apply and link literature to the knowledge you already have.

Cysylltu'r llyfryddiaeth i'r gwybodaeth sydd gennych yn barod.

Methodology and methods focus.

Methodoleg a ffocws ar ddulliau.

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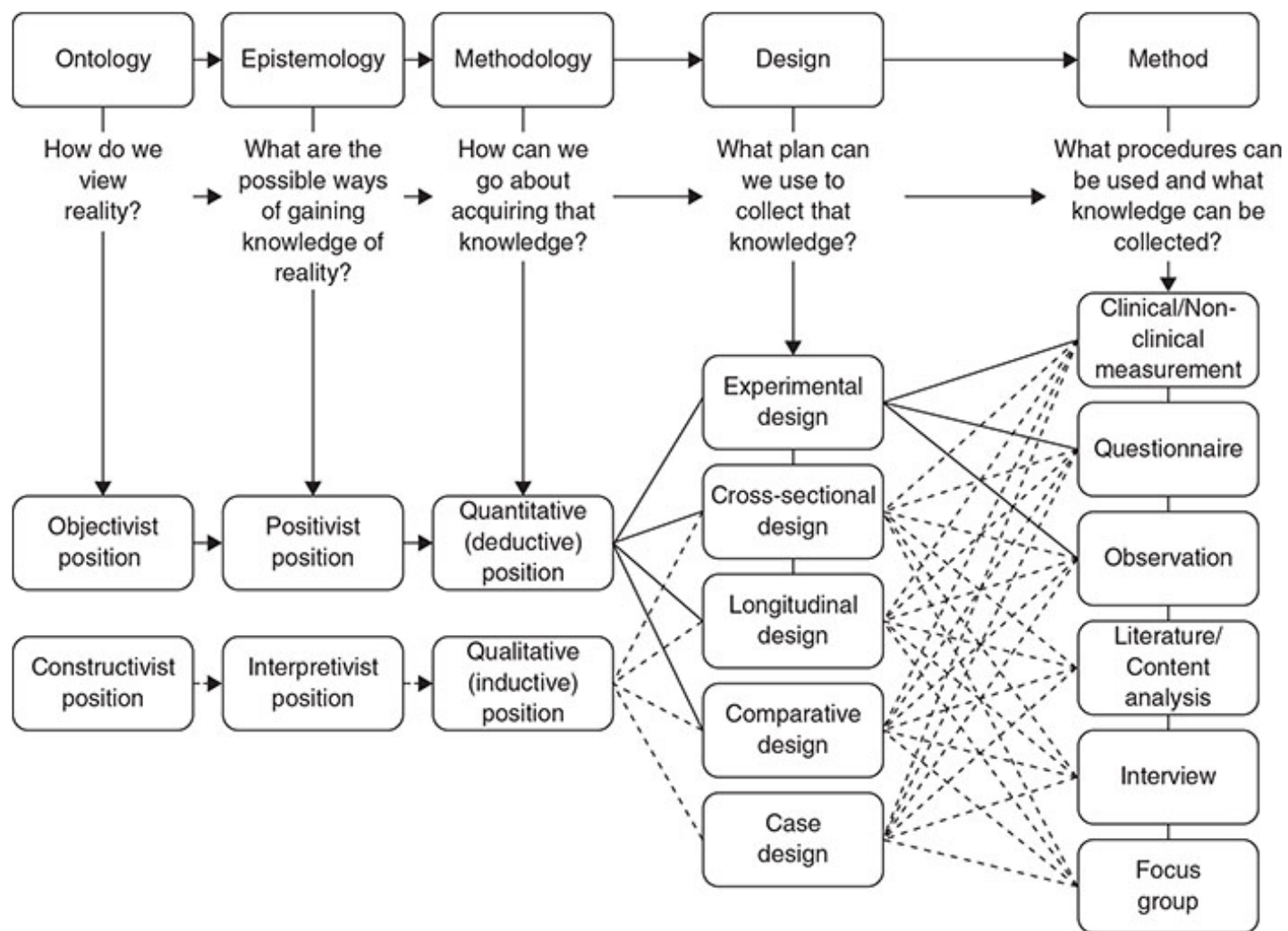
Introduction and Rationale / Cyflwyniad a Rhesymeg

- 3-4 slides / 3 - 4sleid
- Why this topic? (growing popularity/ key topic in news/media/ societal changes)
- *Pam y pwnc yma? (tyfu mewn poblogaeth/ prif faes yn newyddion /media / newidadau cymdeithasol)*
- What do you already know FROM LITERATURE and RESEARCH?
- *Beth i chi'n gwybod yn barod o LYFRYDDIAETH ac YMCHWIL?*
- Start to work towards you own aims and research question.
- *Dechreuwch cychwyn ar eich amcanion ac eich cwestiwn ymchwil.*

Aims, Objectives and Research Question

Amcan, Nodau a Chwestiwn Ymchwil

- 1 slide / 1 sleid
- Aim – one sentence – this research/ my study aims to.....
- *Amcan – un frawddeg – mae'r ymchwil yma'n ymgeisio i ...*
- Research Question – one – re-word your aim into a question.
- *Cwestiwn Ymchwil – un – aralleirio eich amcan mewn i gwestiwn.*
- Hypothesis H_1
- Null Hypothesis H_0



Methodology / Methodoleg

- 1 Slide / 1 sleid
 - What position are you taking and why? / *Pa safbwynt i chi'n cymryd a phaham?*
-
- [what are you actually trying to find out – facts/experience/behaviours]
-
- The aim is to *explore how* stakeholder experience a new approach to teaching and learning
 - The aim is *to understand the relationship* between quality and quantity of sleep and exercise performance
 - *What motivates* individuals to participate in canoe slalom?
 - *How* does social media influence behaviours around dieting and exercise?

Met

- 1 Slide
- What

Quant

Reading

(written)

PUBLISHED BMSS5005 (2020-20)

LIST SENT NEW SECTION ADD ITEMS +

Material which is an essential part of the course and students are expected to draw on as a core part of their learning. Must be available from the library and should be available online.

E-BOOK Research methods in physical education and youth sport ✓
Armour, Kathleen M.; MacDonald, Doune., Milton Park, Abingdon, Oxon ; New York ; Milton Park, Abingdon, Oxon ; New York ;, Routledge, 2018., Total Pages 1 online resource (366 p.)
Essential X Add tags to item
Complete Check availability >

E-BOOK Research methods in education [electronic resource] ✓
Cohen, Louis., Manion, Lawrence.; Morrison, Keith R. B., 8th ed., London ;, Routledge, 2018., Total Pages xxvii, 916p. :
Essential X Add tags to item
Complete Available at Carmarthen Campus Library Main Collection : 370.72 COH and more locations Check availability > 91

E-BOOK Key concepts in sport and exercise research methods [electronic resource] ✓
Atkinson, Michael., Michael Atkinson 1971-, London ;, SAGE, 2012., Total Pages 1 online resource (x, 245 p.)
Essential X Add tags to item
Complete Check availability > 54

E-BOOK Research methods in sport ✓
Smith, Mark F., Mark F Smith author, 2nd edition., 55 City Road ;, SAGE Learning Matters, 2018., Total Pages 1 online resource (208 pages) :
Essential X Add tags to item
Complete Check availability > 45

E-BOOK Research ethics in exercise, health and sports sciences [electronic resource] ✓
McNamee, M. J., McNamee, M. J.; Olivier, Steve.; Wainwright, Paul., London ;, Routledge, 2007., Total Pages 1 online resource (233 p.)
Essential X Add tags to item
Complete Available at Carmarthen Campus Library Main Collection : 613.71072 MCN and more locations Check availability > 44

BOOK Routledge handbook of qualitative research in sport and exercise ✓

Chapter 7/ 8

First

Chapter 1

Research Design / Cynllun Ymchwil

- 1 slide / 1 sleid
- Participants ($n = \text{age} \pm$) and sampling / *Cyfranogwyr ($n = \text{age}$) ar ystod*
- Ethics / *Materion Moesegol*
- Design or procedure / *Cynllun neu dull*
 - Measures * mesur

Methods / Dulliau

- 2-3 Slides / 2 - 3 Sleidiau
- What research tools are you using and why?
- *Pa ddulliau ymchwil byddwch chi'n defnyddio a phaham?*

Analysis / Dadansoddi

- 1 slide / 1 sleid
- How would you plan to analyse the data if you did carry the research out?
- *Sut byddech chi'n bwriadu dadansoddi'r data petai chi'n cynnal yr ymchwil yma'n go iawn?*
- How would you disseminate the information? How is research shared?
- *Sut byddech chi'n rhannu'r gwybodaeth? Sut mae ymchwil yn rhannu?*