



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

ECDE 7012

Research Design and Management in Education

Session 3: 10th February 2026

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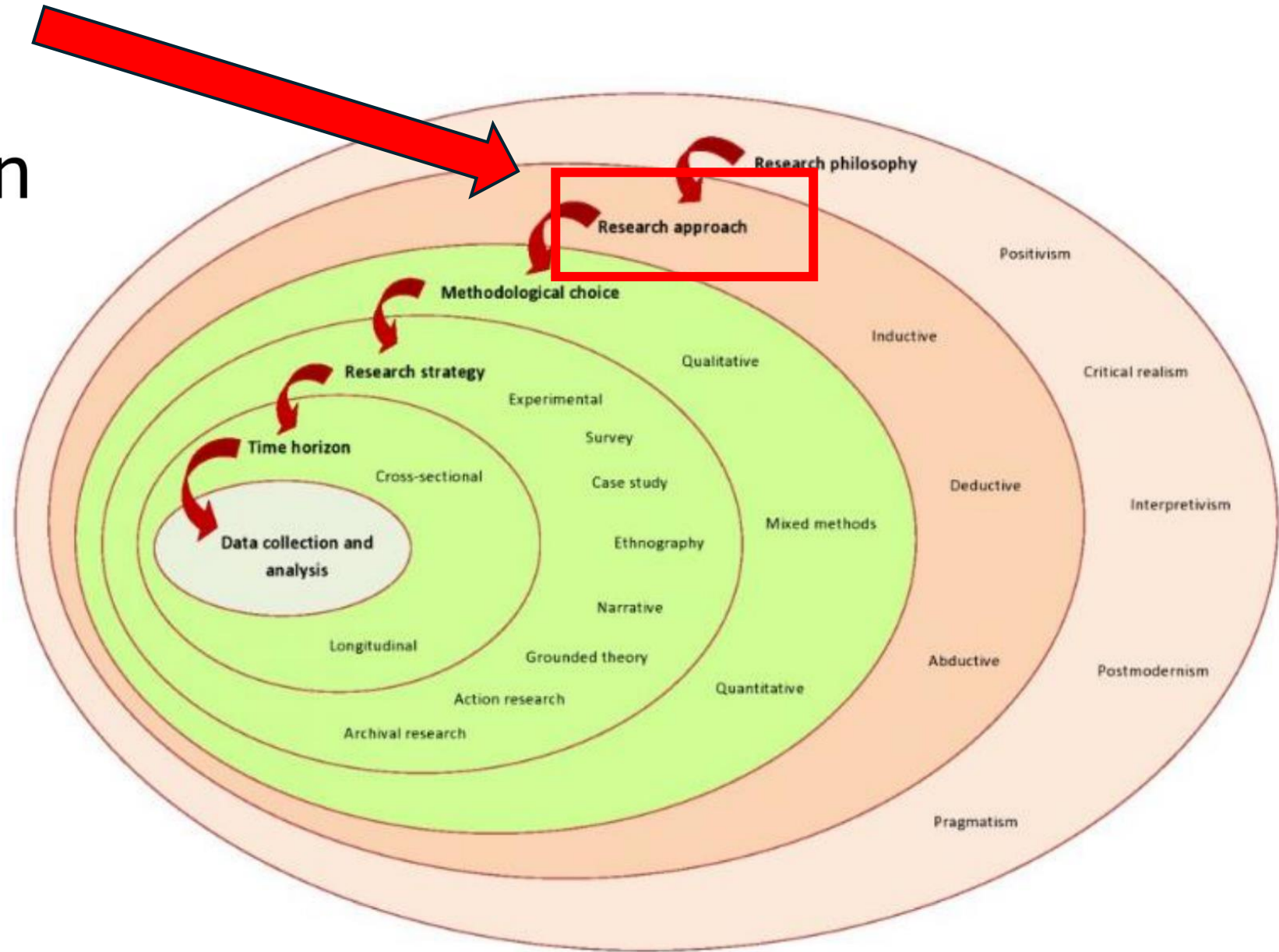
Trawsnewid Addysg, Trawsnewid Bywydau
Transforming Education, Transforming Lives

The Research Onion

Start from the outside and peel each layer away until you reach the core.

These layers are broken up into six main areas:

- research philosophy;
- research approach;
- research methodology choices;
- research strategy;
- time horizons;
- data collection techniques and analysis.



(Saunders et al., 2007)

Group task:



Share your knowledge and understanding around research approaches and methodological approaches (qual/quant/mixed methods)



Decide on which is most appropriate for your scenario



Include justification/rationale



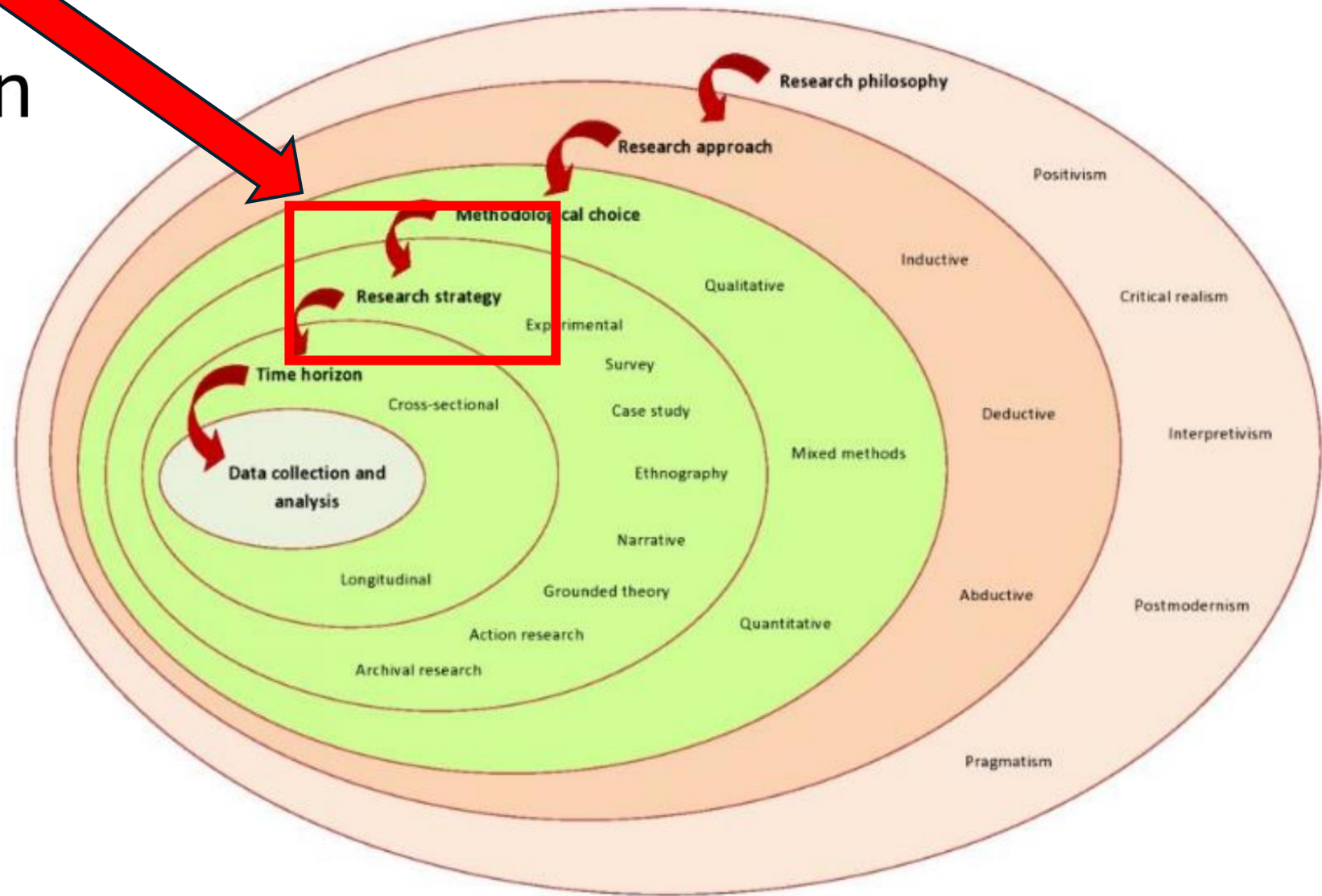
Include relevant literature

The Research Onion

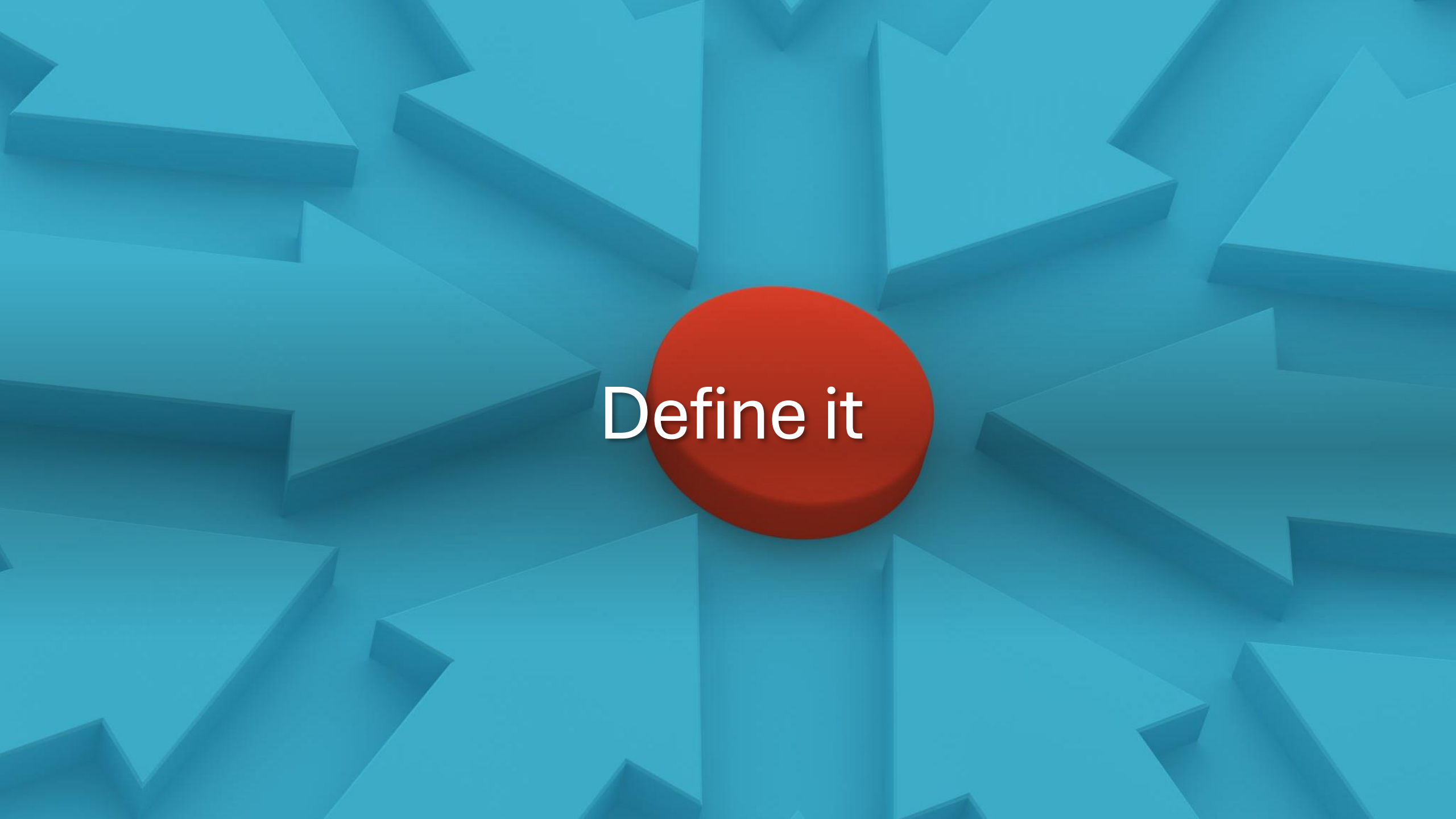
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Define it

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M

I

A blurred background image of a group of people sitting around a table in a meeting room. A single lightbulb hangs from the ceiling in the foreground, slightly out of focus. The text is overlaid in the center of the image.

Be prepared to present your ideas
back to the group

Homework tasks:

Create a concept map outlining key literature that you have recently engaged with that is informing your thinking

What methodology was used?

What are the strengths and limitations?

Are there any ideas emerging that are new to you?

What gaps are there in the literature?

Be prepared to present your ideas at the next session.



Next session:

Tuesday 24th February 2026
5pm

