

Goals of Research Plan Seminar Students understand - the structure of educational research process, problem-setting of research, and methodological solutions - the importance of scientific knowledge, the epistemological foundations of educational research as well as foundations of scientific research, and core concepts of educational researchs ip of theory and practice - the interactional relationship of theory and practice - peer group's support in teachers' work Students are able to - make a research plan, conduct research and produce a research report (pedagogical product or study) - apply didactical, subject-specific and research methodological knowledge into practice - view their work from a research perspective Students have preparedness to - examine educational theory from a practical perspective and practice from a theoretical perspective - develop their skills of critical thinking and drawing conclusions

1

Timetable and theme proposal							
Group 2	DATE		TIME	LOCATION	THEME		
Period 1	Wednesday	2.10.	12.15-13.45	Fontell, 202	ORIENTATION		
	Friday	17.10.	10.15-11.45	Fontell, 202	REHEARSAL AND RESEARCH IDEAS		
Period 2	Monday	10.11.	16.15-17.45	K 220 atk MINERVA	HOW TO WRITE RESEARCH PLAN AND LITERATURE HUNT		
	Monday	17.11.	16.00-18.00	Fontell, 202	IND. TUTORING 4 X		
	Monday	24.11.	10.00-14.00	Fontell, 202	IND. TUTORING 7 X 30MIN		
	Tuesday	25.11.	10.15-13.45	Fontell, 202	WRITING INTRO		
	Wednesday	26.11.	10.15-13.45	Fontell, 202	WRITING INTRO (Deadline)		
	Monday	01.12.	16.15-17.45	Fontell, 202	COMMENTING INTRO		
HELSINGIN YLIOPISTO HELSINGFORS UNIVERSITET UNIVERSITY OF HWYETINES HELDING THE STATE OF HWYETING THE STATE OF THE STATE O		03.12.	16.15-17.45	Fontell, 202	Research plan presentations 1		

Problem definition is related to methodological approach

Epistemology is the nature of how knowledge is generated, and it serves as the foundation of educational research design.

A) Quantitative research (objectivist epistemology) is conducted from an, which → assumption that knowledge exists in the world independent of people and is waiting to be "discovered".

→ hypotheses about connections

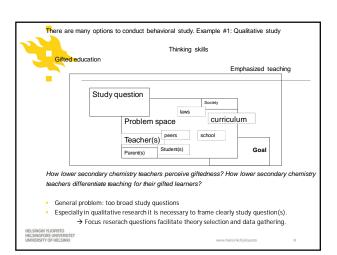
HELSINGFORS UNIVERSITE UNIVERSITY OF HELSINKI

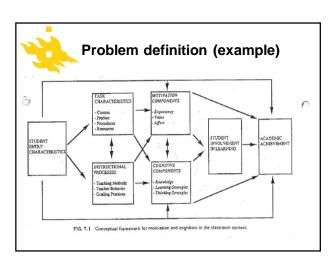
www.helsinki.fi/yliopisto

27.10.2014

Quantitative problems	5	
Predictors	Outcomes	
Family SES Gender Attention	Motivation - Expectancies - Emotions - Values	
Support needs	School achievement	
and values of schooling? Hypothesis: There is no asso	correlation) between students' attention ciation between atteen values of nievement is dependent of gender. ferences between genders	









- 1) Attention measure (ACT) and its relation toBERS, SDT, FORMAL THINKING?
- 2) Longitudinal follow-up (pre-school children 1989 → 2014): is there any correlation between early measures and current situation
- 3) Centre for Educational Assessment
- Three large follow-up studies (Helsinki, Vantaa, Metropolitan area)
- → Teachers' and parents' questionnaires (temperament, teacher questions)



1. Background

Why is this research important? What other studies have there been in this area?

How will this research add to knowledge in this area?

What do you want to find out?

What is the main question you wish to answer?

What are the specific questions you will ask to address the main question?



2. Procedure

Will you be doing this research on your own or with

While you be doing this research?
Who are you targeting in this research?
How many people (questionnaires/case files) do you intend to have?

Where will the research take place?
Will participants be clearly and fully informed of the purpose of the research study (How you ensure this?)
How will participants be clear about the expectations of

Do you have an information sheet and a consent form for participants?
Supervisory arrangements - how do you intend your research to be supervised and monitored and by whom?



3. Timetable

When will your research start and finish? Are there particular stages to the research e.g. piloting, then main research? If so, what are they?

Is the timetable realistic?

Is it influenced by external constraints or deadlines?

If so, how you can be prepared for the obstacles?

HELSINGIN YLIOPISTO HELSINGFORS UNIVERSITE UNIVERSITY OF HELSINKI

helsinki fildionisto 27 10 201



4. Methodology

What sort of data will you be collecting, for example, numbers, talk to people directly, texts or a mixture of these?

What is the main analyses you will use to carry out the research (statistical or, qualitative ones)?

How will you select your sample? How will you recruit your sample? How will you collect your data?

HELSINGIN YLIOPISTO HELSINGFORS UNIVERSITET

www.helsinki.fi/yliopisto

27.10.2014



5. Ethical issues

Is there any potential risk or harm to participants or yourself? If yes →, what are the potential risks and what do you intend to do to reduce them?

How will you obtain informed consent? How will participants be given the opportunity to complain? Will you be insured against professional negligence claims?

How will you deal with complaints made against you by participants?

HELSINGIN TLIOPISTO HELSINGFORS UNIVERSIT UNIVERSITY OF HELSINK i/yliopisto 27.10.201



6. Data storage

How will the data be stored?

For how long will the data be stored?

How will it be disposed of?

How will you ensure confidentiality and anonymity of data?

Who will have ultimate ownership of the

If you are likely to need to contact a participant later, you need to inform this beforehand.

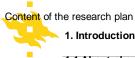


7. Dissemination

Have you considered in what form will your findings be presented and to whom (not only participants of the STEP)?

How will you ensure anonymity of the participants in publications?

To whom does the research belong after its publication?



- 1. Introduction
 - 1.1 About phenomenon in question and importance of the study
 - 1.2 Previous studies about phenomenon (in brief)
- 1.3 Study goal
- 2. Theorethical frame
- 3. Method
- 4. Timetable

5. References