GB6013

CONCEPTUAL FRAMEWORK

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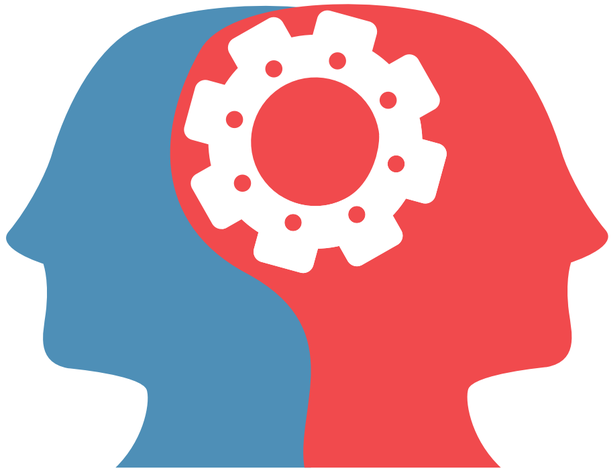
CONCEPT



- A Concept is an image or symbolic representation of an abstract idea. Chinn and Kramer (1999) define a concept as a “complex mental formulation of experience”.
- Concepts are the major components of theory and convey the abstract ideas within a theory” (p. 252)

THEORY

- A theory is a set of interrelated concepts, which structure a systematic view of phenomena for the purpose of explaining or predicting.
- A theory is like a blueprint, a guide for modeling a structure.

CONCEPTUAL FRAMEWORK

- The system of concepts, assumptions, expectations, beliefs and theories that supports and informs your research (Miles & Huberman, 1994; Robson, 2002)

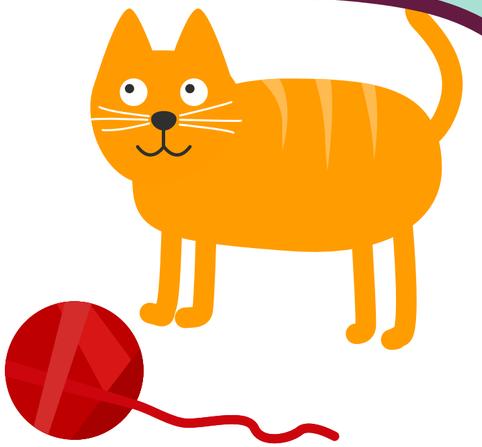
CONCEPTUAL FRAMEWORK

- A visual or written product, one that explains, either graphically or in narrative form, the main things to be studies – the key factors, concepts, or variables – and the presumed relationships among them' (Miles & Huberman, 1994, p.18)

- This definition may also be called the ‘theoretical framework’ or ‘idea context’ (Maxwell, 2005)

THEORETICAL FRAMEWORK

It is structure of concepts which exists in the literature, a ready-made map for the study.



THEORETICAL/CONCEPTUAL FRAMEWORK

Conceptual and theoretical framework can be defined as a systematic ordering of ideas about the phenomena being investigated or as a systematic account of the relations among a set of variables (Warmbrod, 1986)

- The definitions of conceptual and theoretical framework are unclear and sometimes intertwined.
- Generally, each of these terms refers to a structure, which will provide guidance for research.

- If it is a conceptual framework, it is a structure of concepts and/or theories which are pulled together as a map for the study.
- If it is a theoretical framework, it is structure of concepts which exists in the literature, a ready-made map for the study

CONCEPTUAL FRAMEWORK

- It is primarily a conception or model of what is out there that you plan to study, and of what is going on with these things and why

CONCEPTUAL FRAMEWORK

- It is like a ‘tentative theory’ of the phenomena tha you are investigating

CONCEPTUAL FRAMEWORK

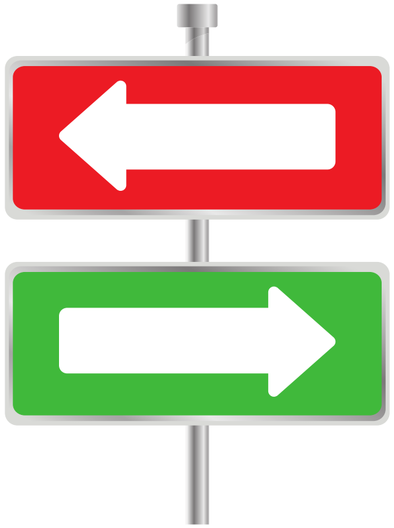
- Is something that is constructed, not found
- It incorporates pieces that are borrowed from elsewhere but the structure,
- The overall coherence, is something that YOU build, not Something that exist ready-made

PAY ATTENTION TO:

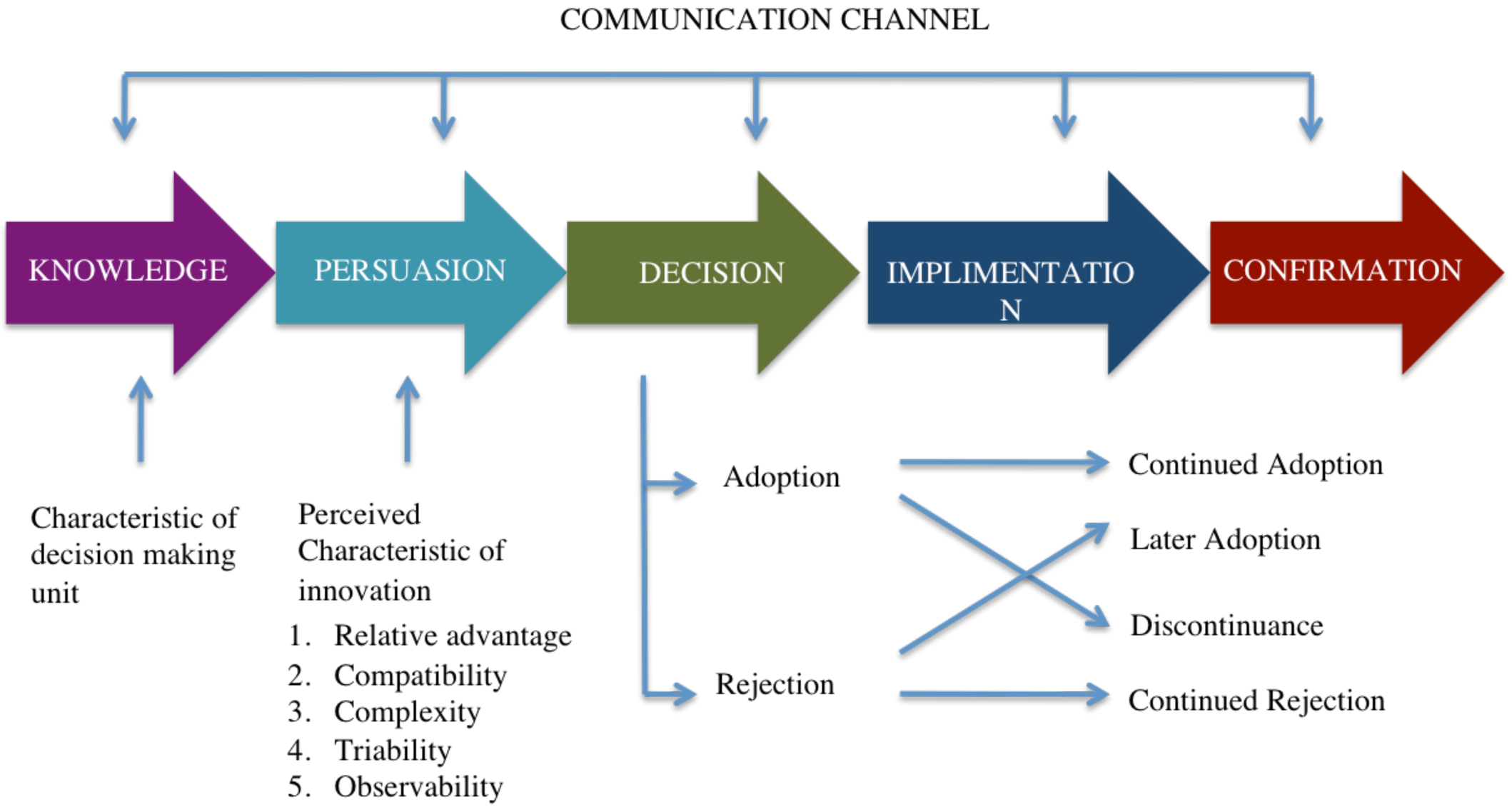
- the existing theories
- research that are relevant to what you plan to study
- critically examine each idea or Research finding to see if it is a valid and useful module for constructing a
- theory that will adequately inform your study.

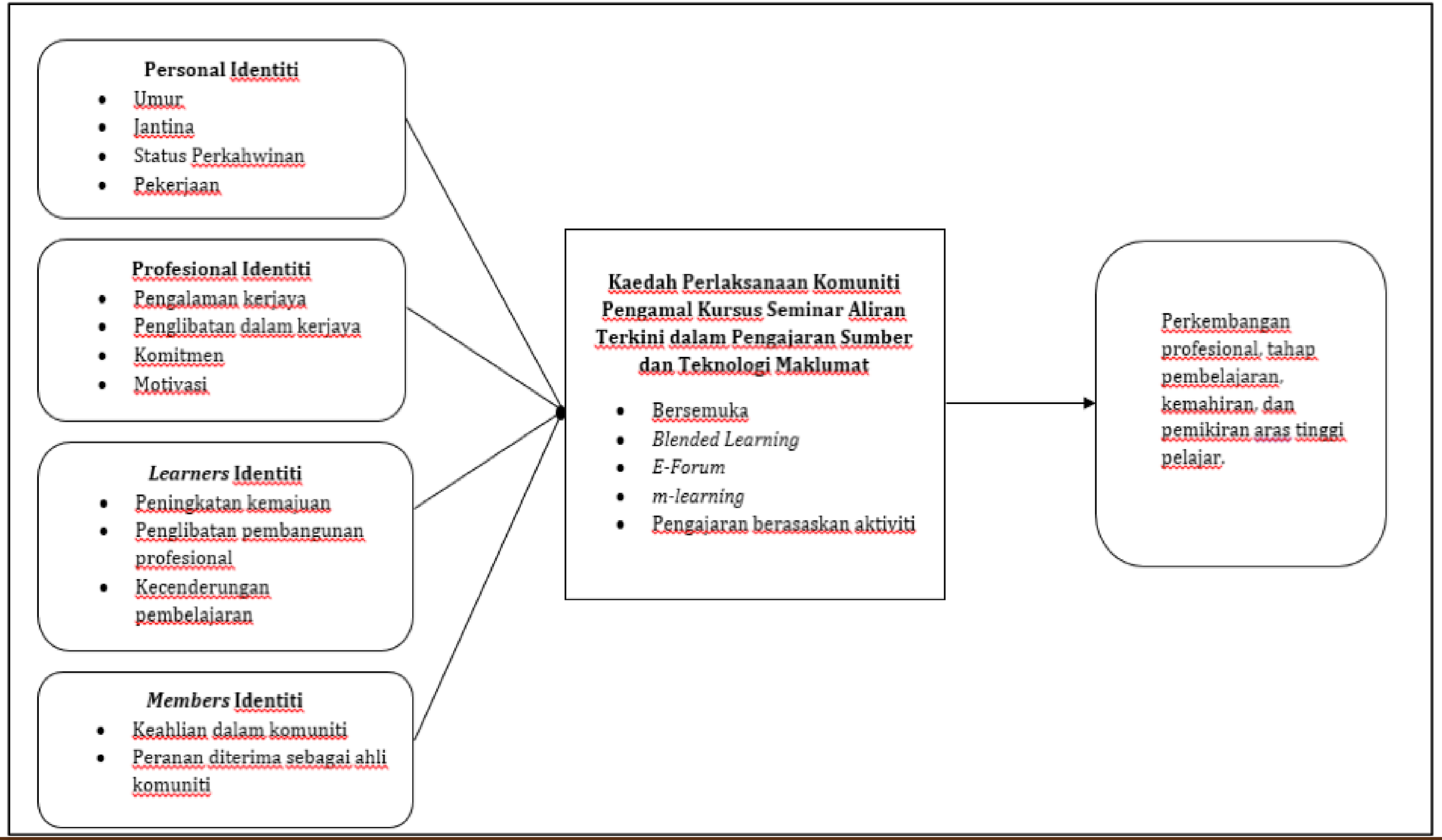
WHAT GENERAL FORMS MIGHT A CONCEPTUAL FRAMEWORK TAKE?

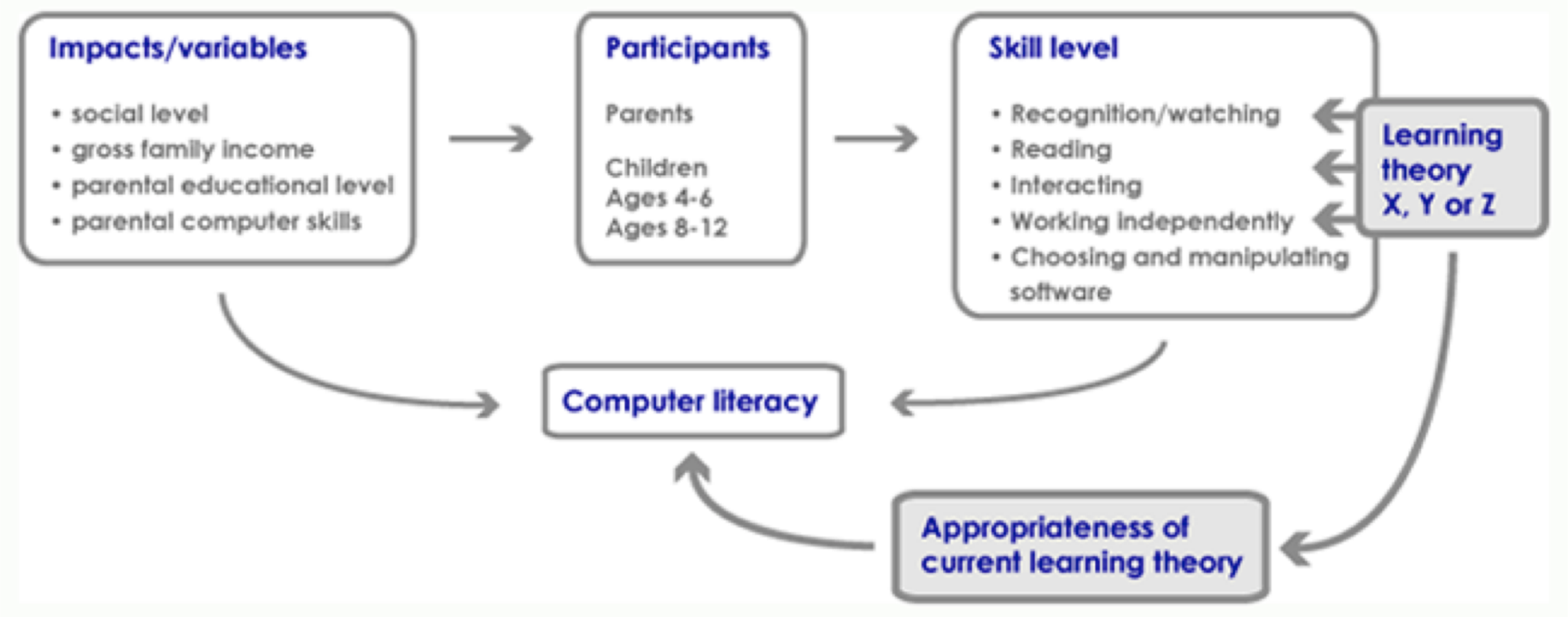
Process frameworks



Content frameworks


COMMUNICATION CHANNEL
KNOWLEDGE
PERSUASION
DECISION
IMPLIMENTATIO N
CONFIRMATION
Characteristic of decision making unit
Perceived Characteristic of innovation
1. Relative advantage
2. Compatibility
3. Complexity
4. Triability
5. Observability
Adoption
Rejection
Continued Adoption
Later Adoption
Discontinuance
Continued Rejection

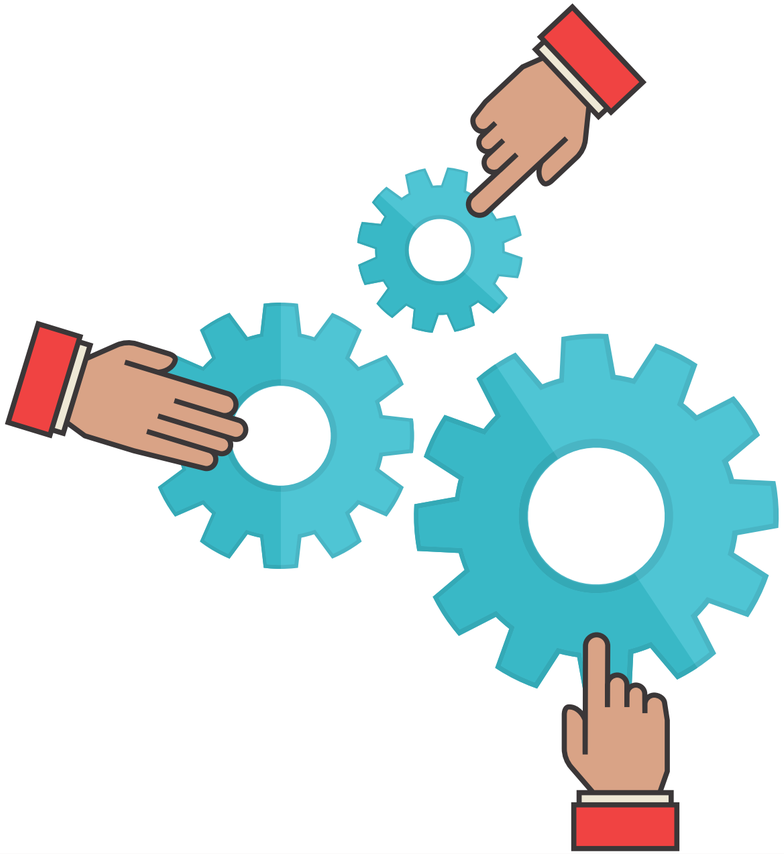

Personal Identiti
Umur
Jantina
Status Perkahwinan
Pekerjaan
Profesional Identiti
Pengalaman kerjaya
Penglibatan dalam kerjaya
Komitmen
Motivasi
Learners Identiti
Peningkatan kemajuan
Penglibatan pembangunan profesional
Kecenderungan pembelajaran
Members Identiti
Keahlian dalam komuniti
Peranan diterima sebagai ahli komuniti
Kaedah Perlaksanaan Komuniti Pengamal Kursus Seminar Aliran Terkini dalam Pengajaran Sumber dan Teknologi Maklumat
Bersemuka
Blended Learning
E-Forum
m-learning
Pengajaran berasaskan aktiviti
Perkembangan profesional, tahap pembelajaran, kemahiran, dan pemikiran aras tinggi pelajar.


Impacts/variables
• social level
• gross family income
• parental educational level
• parental computer skills
Participants
Parents
Children
Ages 4-6
Ages 8-12
Skill level
• Recognition/watching
• Reading
• Interacting
• Working independently
• Choosing and manipulating software
Learning theory X, Y or Z
Computer literacy
Appropriateness of current learning theory

THE POSITION OF CONCEPTUAL FRAMEWORK IN QUANTITATIVE RESEARCH

- Conceptual framework provides the structure/content for the whole study based on literature and personal experience

THE POSITION OF CONCEPTUAL FRAMEWORK IN QUALITATIVE RESEARCH



- Conceptual framework develops as participants’ views and issues are gathered and analysed.

WHERE TO START?

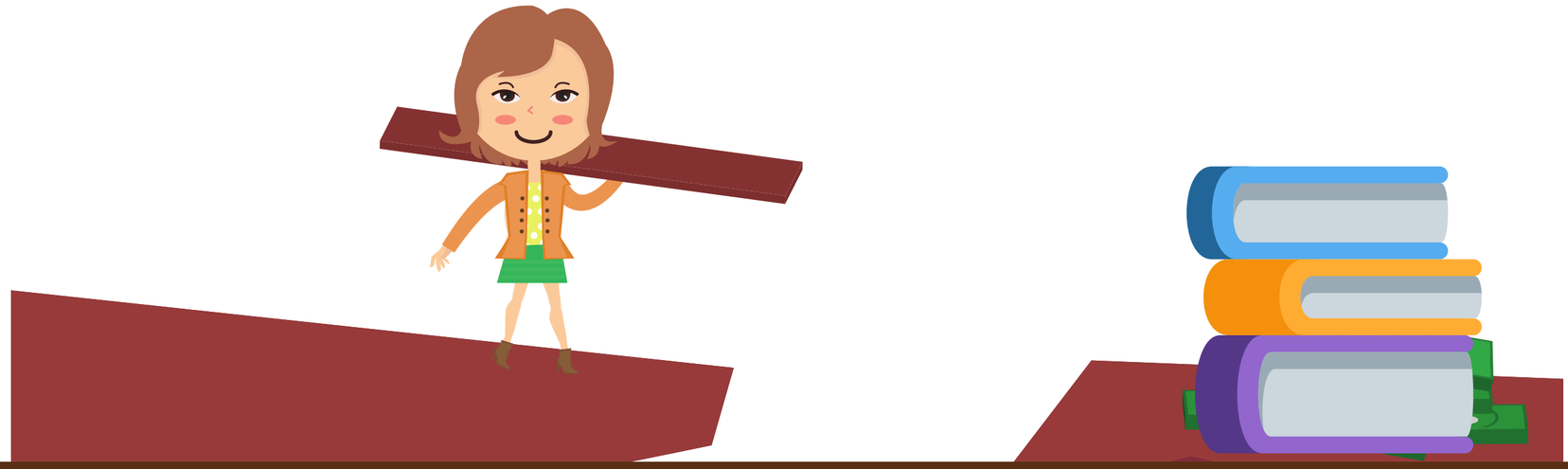
1

- Read a lot and find out what has been studied so far in your respective fields and come up with your own synthesis of the literature.

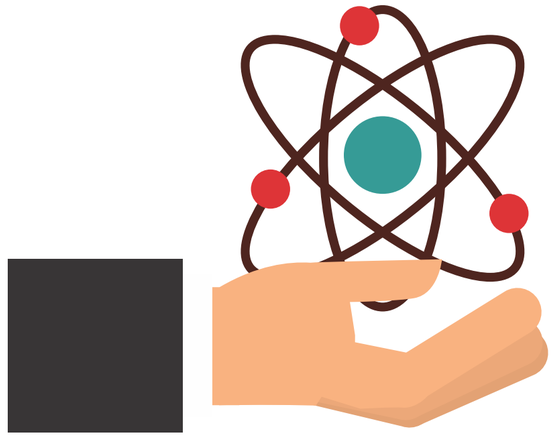
WHERE TO START?

2

- Look for gaps in knowledge and identify what questions need to be answered or what problems need to be given solutions.



WHERE TO START?

3

- Formulate your own conceptual framework to serve as guide in your research venture.