

## Overview

- Competence
  - The status of our abilities
- Learning
  - The change of competence
- Teaching and support
  - Others' influence on learning

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## Learning

- Learning is based on existing competence
  - We construct our own skills and understanding
    - We don't copy the teacher's competence
- We learn in small steps
  - Teachers need to know the competence of learners
- We learn through interactions with
  - Other students
  - Teachers
  - Computers
  - Books
  - ...

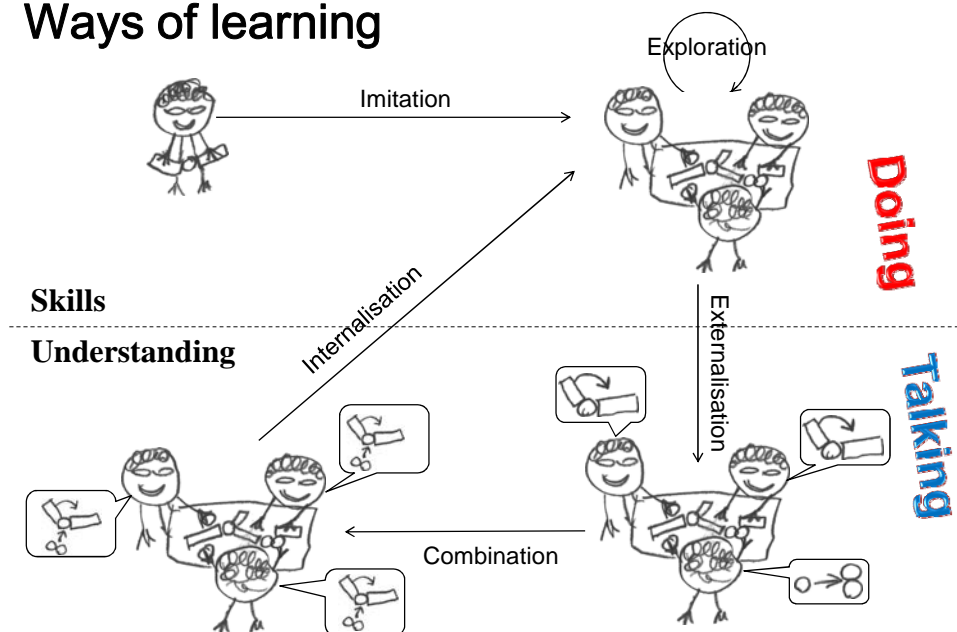
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## IT user competence

	Information	IT	Tasks
<b>Skills</b> for doing the job	Interpreting data	Using an application	Know how to use IT for supporting your task
<b>Understanding</b> for learning	Negotiating a representation of a phenomenon	Concepts, principles, hidden structures	Motivation. Acknowledge usefulness. See possibilities.

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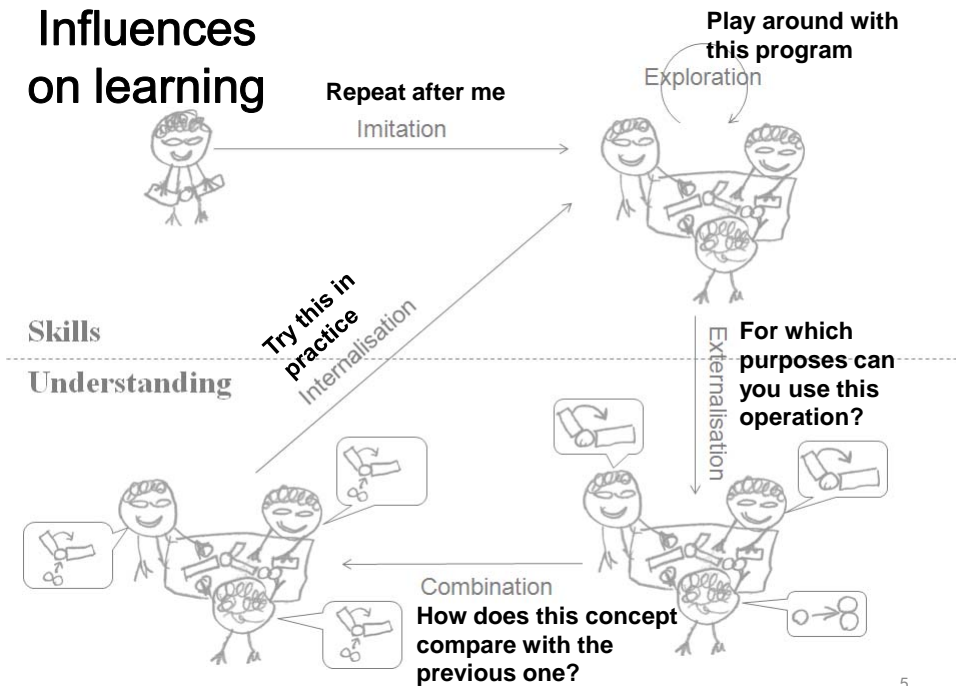
## Ways of learning



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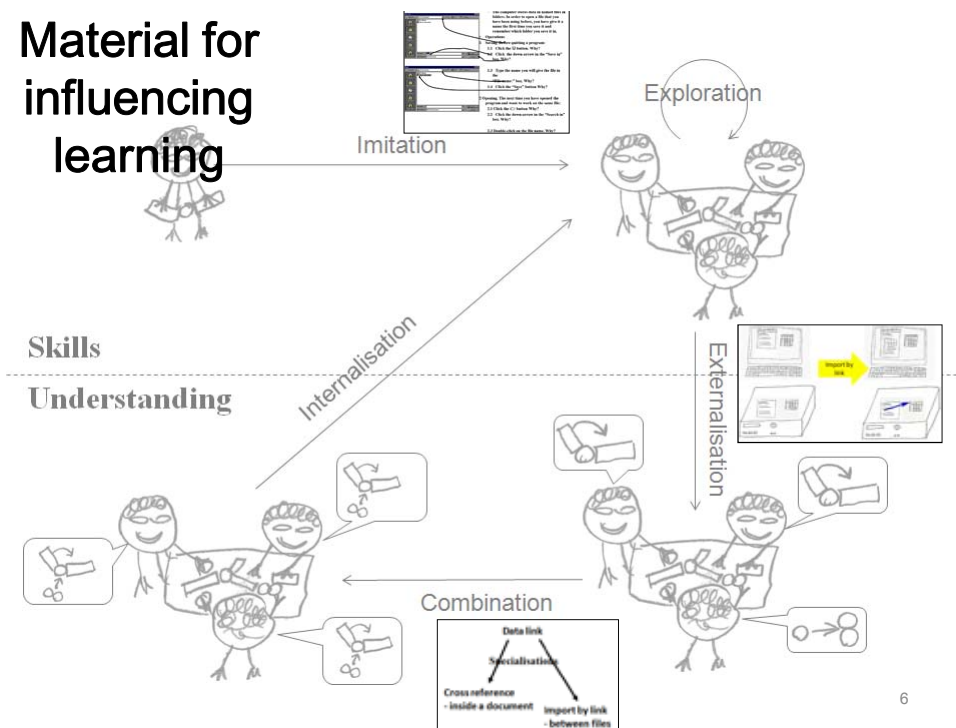
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# Influences on learning



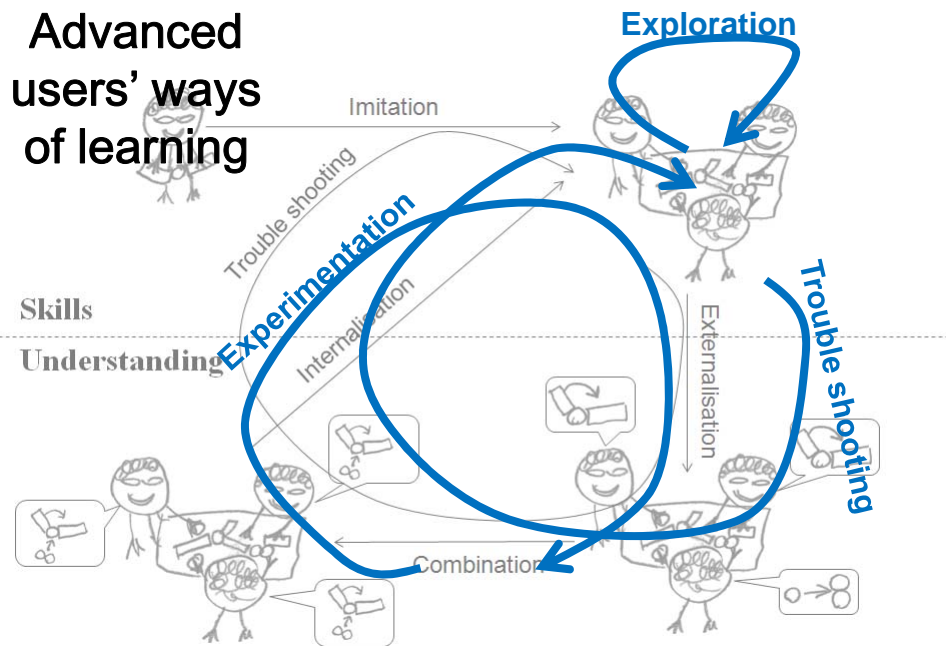
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# Material for influencing learning

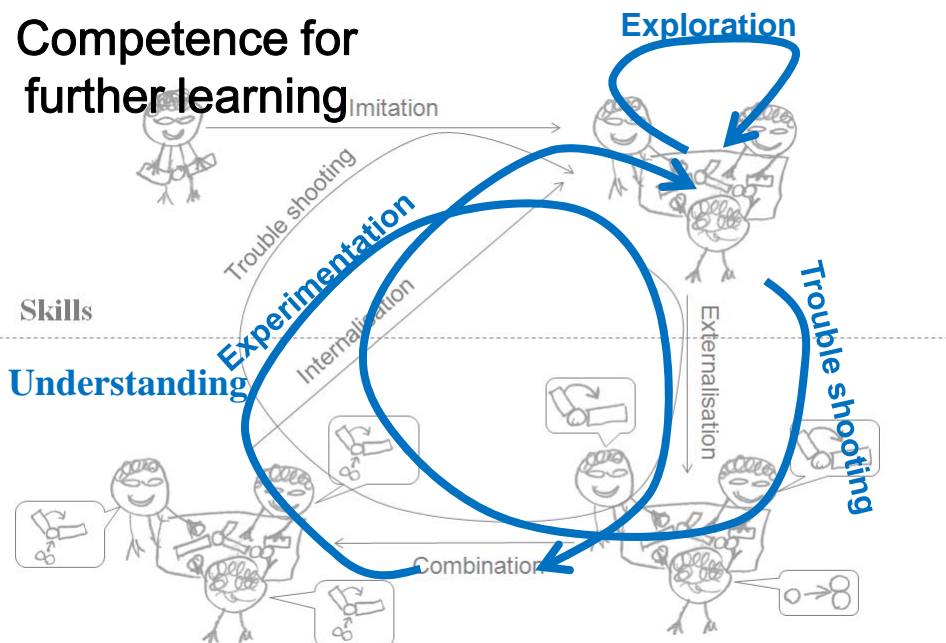


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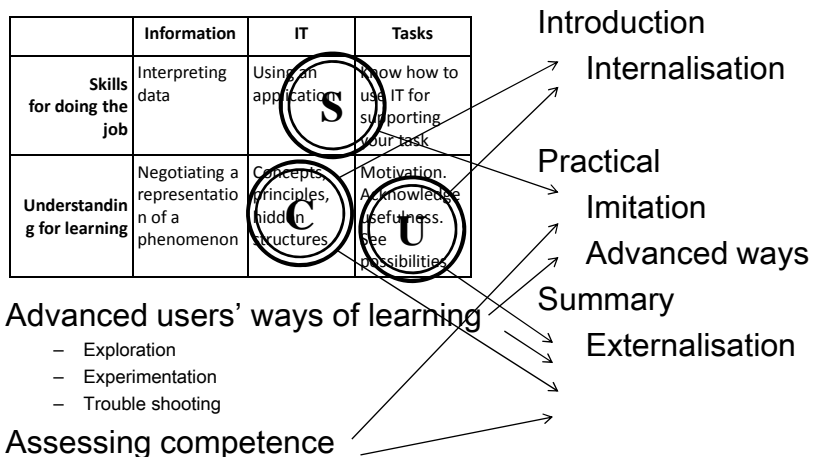
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## Assessing IT user competence

	Information	IT	Tasks
<b>Skills for doing the job</b>	Assess practice: Request doing		
<b>Understanding for learning</b>	Assess theory: Request explaining Multiple choice or open		

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## Designing teaching



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