

Pedagogy of Higher Education

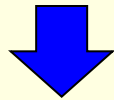
3. Features of learning process (part.2)

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Structure of educational process

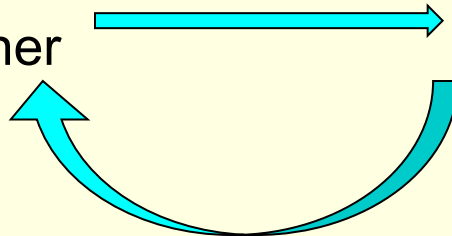
Goal of
educational
process

Content
(Discipline knowledge)



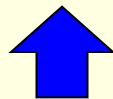
Teacher

Student



Result achieved
by the Student
(resulted by
teacher's activity)

Methods and techniques
(Pedagogical knowledge)



Learning paradigms

Learning - the acquisition of knowledge or skills through study, experience, or being taught

Oxforddictionaries.com

How is learning provided?

Which factors influence?

Function of memory?

Role of teacher?

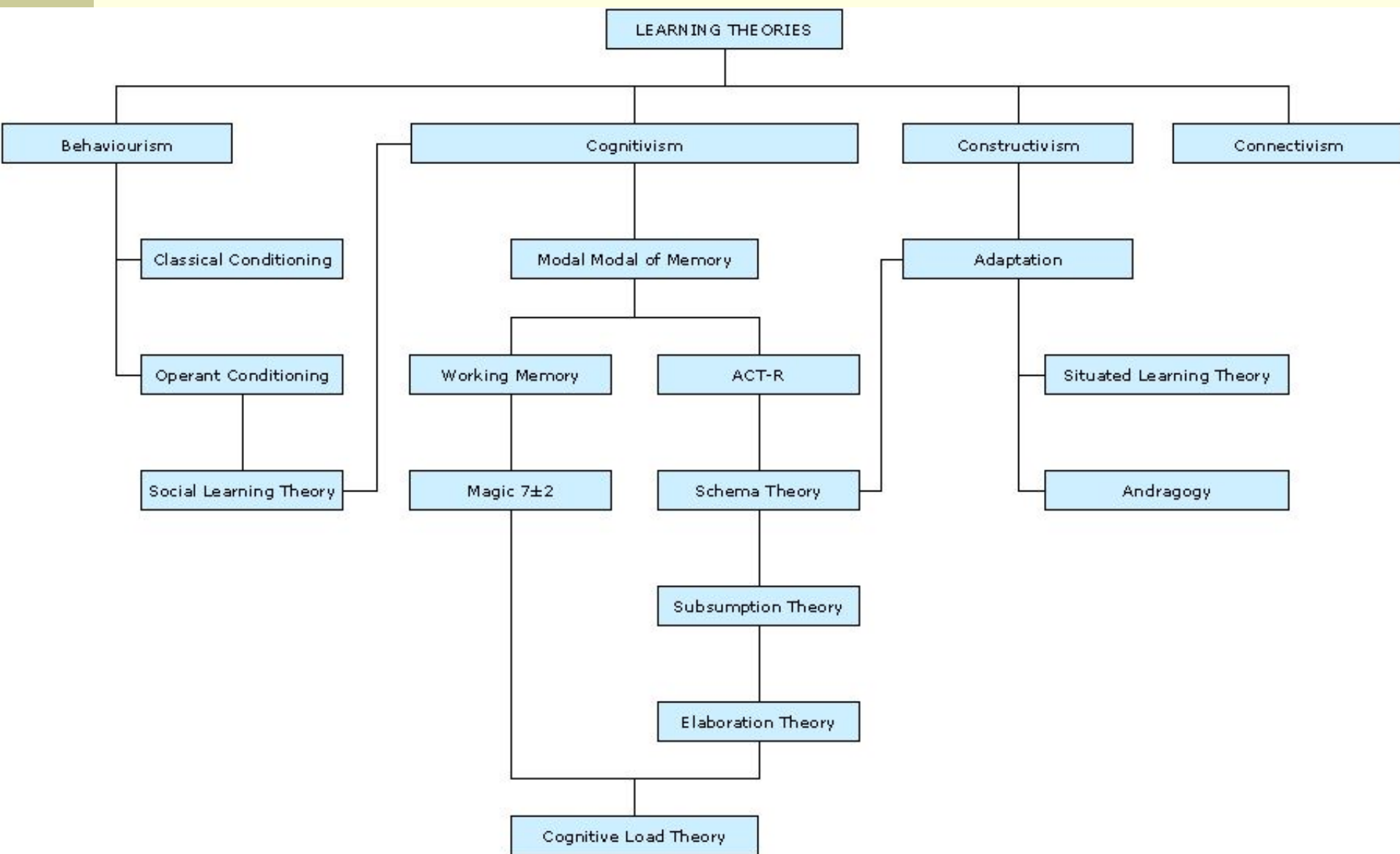
Type of activity of learner?

Peculiarities of process?

More theories

- step-by-step learning theory
- Cognitive load theory
- Self-regulated learning
- Sociocultural theory
- Constructivism
- Distributed cognition theory
- Connectivism
- Information processing theory
- Operant conditioning theory
- Schema theory
- Etc...

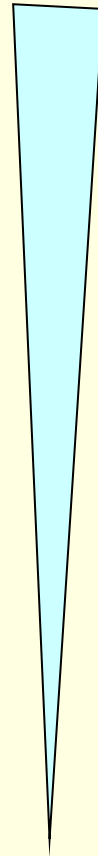
See sources
for further reading



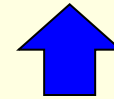
Sequence of learning process (associative and reflectory learning) - I

Cognitive activity

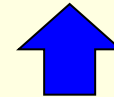
- Creation
- Application
- Understanding
- Memorizing
- Perception



New information (elaboration)
New skills and abilities (invention)



Actual skills, abilities evolvement



Data (known information
Understanding and reproduction)
Skills (known)
Abilities (known)

Problem oriented learning - II

Targeting principles...

Intensification of learning activity...

Studying activity fixation, adjustment and feedback...

Participation in group and individual forms of problem solving...

Analysis and reflection...

And what to do?

Next topic disclose:

Peculiarities of learning process...

Homework (deadline – 26.10.2013)

1. Learning paradigms. Read about main of them. Choose one that you like most. Answer the question within the frame of chosen paradigm:

Q: How to convince/persuade/motivate student to do his/her homework

In time? (explain in brief form an algorithm – how you propose to motivate him)

Send me your answer.

2. I recommend to watch “Thought Moments” (reference on next page) to understand another interesting phenomenon about facial expressions.

If you'll have questions, we'll discuss them...

Explanation of expressions' clues can be found in Ekman's papers (see list of ref).

3. Think about your today's reading of 'text' with letters and digits.

What is this ability about? We'll discuss...

Additional reading

- Thought Moments (micro expressions demonstrated)
// http://youtu.be/i5fpj6ZIK_I
- Thought Moments (with 3 modalities shown)
http://youtu.be/el_jLFzAVcU
- [Darwin, Charles](#) (1872), *The expression of the emotions in man and animals*, London: John Murray
//
<http://darwin-online.org.uk/content/frameset?itemID=F1142&viewtype=text&pageseq=1>
- Body Language with Alan Pease // <http://youtu.be/yq7ddpnY-2o>
- Matsumoto, D. Culture and Emotional Expression // <http://www.davidmatsumoto.com/content/Matsumoto%202008%20HK%20Conference.pdf>