

Innovative learning methods & strategies

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Part II

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SECTION 1: STRATEGIES

VOCAL – Vocational Online Collaboration for Active Learning
KA2 Strategic Partnerships – 2016-1-HU01-KA202-022916



VOCAL - Vocational Online Collaboration for Active Learning



Erasmus+

Innovative*

adjective

using new methods or ideas

Learning*

noun

the activity of obtaining knowledge

Method*

noun

a particular way of doing something

Strategy*

noun

a detailed plan for achieving success

Innovative learning methods & strategies

Particular ways and detailed plans for the activities of obtaining knowledge using new methods or ideas

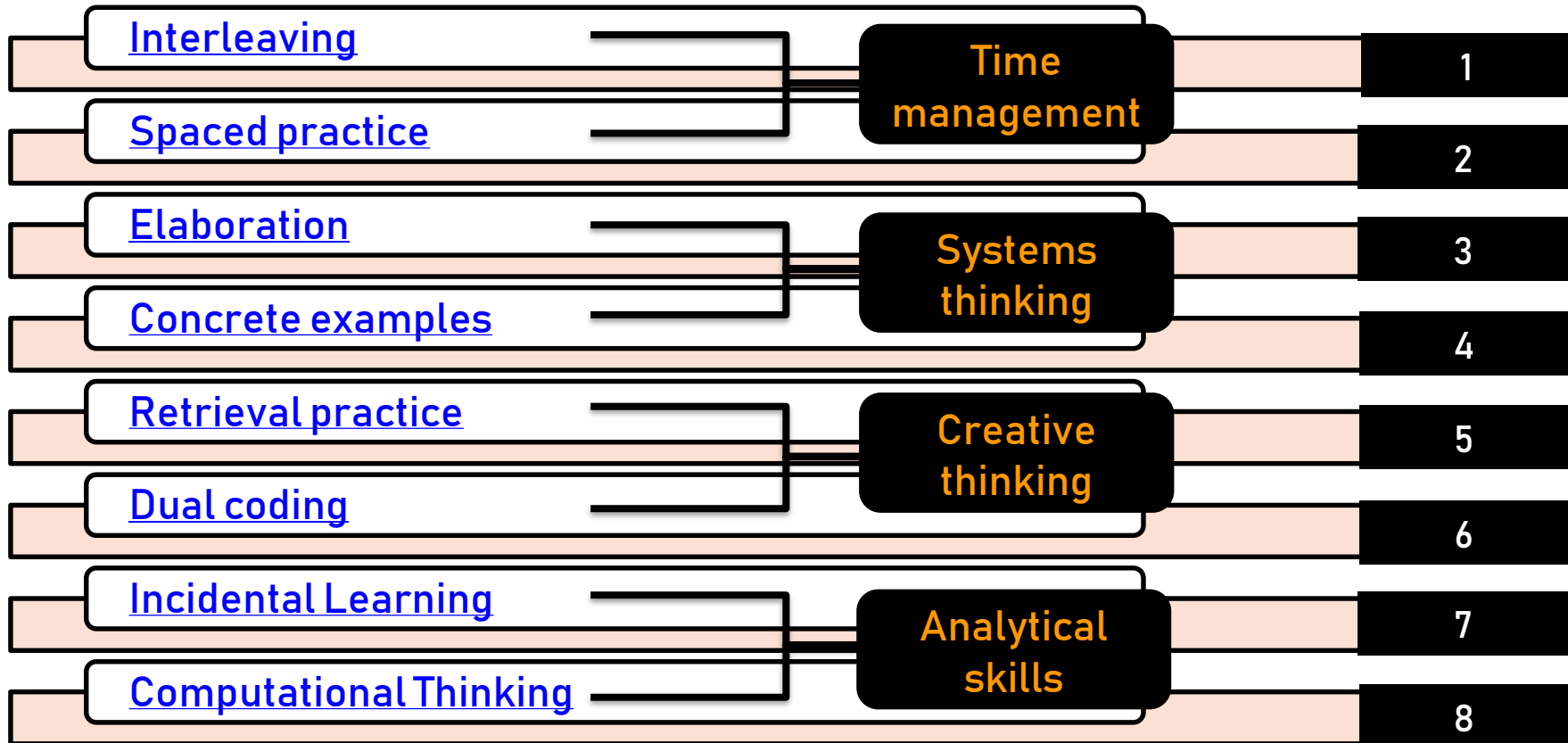
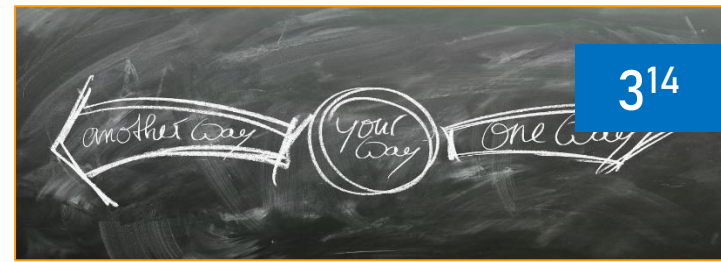


Strategies

What?!



LEARNING STRATEGIES*



*<http://www.learningscientists.org/posters>



KA2 Strategic Partnerships – 2016-1-HU01-KA202-022916



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1

Interleaving

- Take breaks between ideas while you study a topic;
- Split ideas and do not study too long with one idea;
- Go back over the ideas again in different orders to strengthen your understanding;
- Make connections between ideas.



**Time
management**





2

Spaced practice

- Plan your learning;
- Design your learning time table;
- Split your preparation time for an exam to one hour per 5 days instead of five ours a day before the exam;
- Review information from each class and make sure to revise older information to keep it fresh.



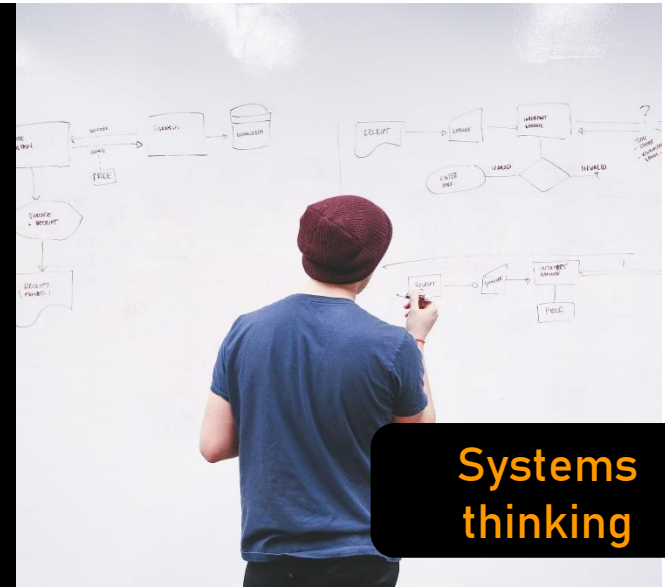
**Time
management**





Elaboration

- Think about the material and ask yourself questions while you are studying;
- Find the answers for your questions;
- Discuss your ideas with other learners;
- Make connections between different ideas;
- Think how your ideas apply to the material and your experience.



Systems thinking





4

Concrete examples

- Collect all examples given by your teacher;
- Think your own examples;
- Link all examples with material;
- Share ideas with other students.



**Systems
thinking**

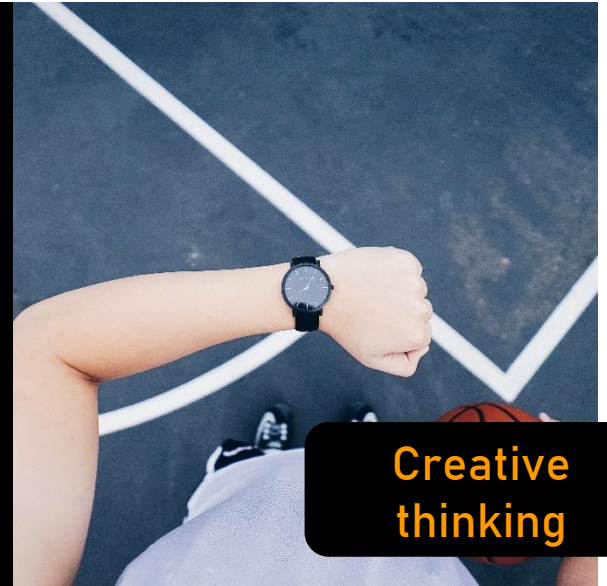




5

Retrieval practice

- Take notes (or sketches) of everything you know about the class topic (do not look at the material);
- Compare your notes with the material;
- Correct your notes and add extra information if you missed something;
- Repeat this process several times.



**Creative
thinking**

*<http://www.learningscientists.org/posters>





6

Dual coding

- Find visuals for your class materials;
- Compare your visuals to the words;
- Look to the visuals and explain the words;
- A timeline, a cartoon strip, or a diagram of parts that work together can be used for your visuals.



Creative thinking





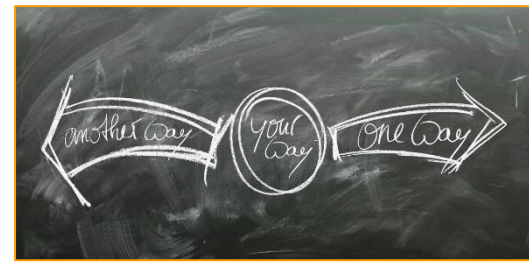
Incidental Learning

- unplanned or unintentional learning;
- people learn in their daily routines at their workplaces;
- mobile devices have been integrated into their daily lives, providing many opportunities for technology-supported incidental learning;
- it may trigger self-reflection.



Analytical skills





8

Computational Thinking

is a powerful approach to thinking and problem solving. It involves:

- decomposition,
- pattern recognition,
- abstraction,
- algorithms and
- debugging.



Analytical
skills

*<https://www.teachthought.com/the-future-of-learning/10-innovative-learning-strategies-for-modern-pedagogy/>





Combine the strategies!

Link collection & References

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Additional links

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thank
you



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