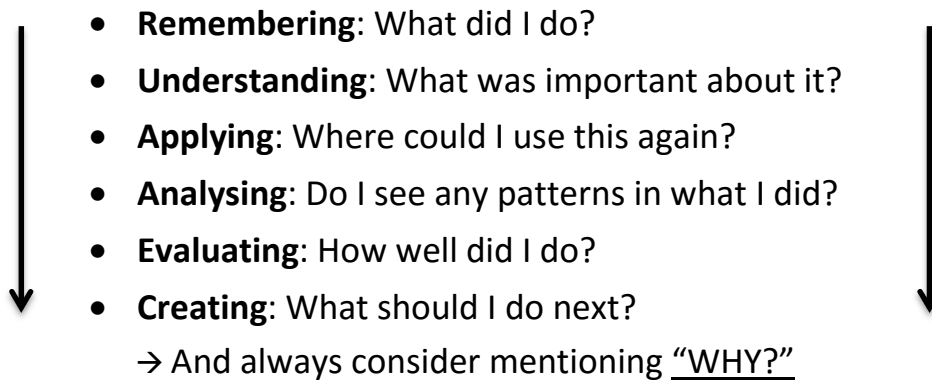


Reflecting our learning

A central aspect of our seminar is to reflect on our process of learning and to observe ourselves in a kind of 'monologue'. Continuous reflecting will help us to deepen our knowledge, to understand, to critically reflect our own experiences, to discover difficulties and to find solutions for it. By this method knowledge will be created in a different way: It will just not be transferred by the teacher to the student but actively built up by the students. Therefore, we will not only reflect on the actual *contents that we learn about* but also on *the process of how we learn*.

Levels of Reflection (according to *Peter Pappas*)

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- **Remembering:** What did I do?
 - **Understanding:** What was important about it?
 - **Applying:** Where could I use this again?
 - **Analysing:** Do I see any patterns in what I did?
 - **Evaluating:** How well did I do?
 - **Creating:** What should I do next?
- And always consider mentioning “WHY?”

The E-Portfolio on mahara will help to sort out our thoughts and note down our objectives and results every week. It is totally acceptable to also reflect about *failure*. We also learn from our mistakes, probably even more. We will give access to our Portfolios to all students in our group so that we can have insights in the learning process of the others and thus can discover new perspectives.

While reflecting you might want to get inspired by the following questions (adapted by edutopia):

Backward-looking:

- How much did you know about the subject before we started?
- Have you had any experience with that topic so far?

Inward-looking:

- What motivates you to work on this topic?
- What do you find frustrating about it?
- What did you learn about yourself while working on this topic?
- Have you changed any ideas you used to have on this subject? How did these changes come about?

Outward-looking:

- Did you treat your topic in the way other people treated it?
- If someone else would look at your results, what might they learn about who you are?

Forward-looking:

- One thing I would like to improve upon is...
- What would you like to spend more time on?

And some more questions:

- What did you learn (today, this week, etc)?
- Why do you believe we're studying this objective?
- What would you like to learn more about?
- Did you enjoy or struggle with reading the article? What was new or strange to you, what do you agree or disagree on? Why?
- What are some things you did really well on this assignment?
- What mistakes did you make on the last assignment that you did not make on today's assignment?
- What resources do you have that can help you learn new material?
- What class activities or assignments help you learn the most?
- What do you believe we could have done differently in class to help you learn this objective easier?
- What problems do you hope to solve (today, this week, this school year, in your lifetime, etc)? What will you need to learn to solve those problems?
- How can you take what you have learned and apply it to your own life?
- What actions are you taking today to help you reach your goals in the future?