

6. Reflective questions

For each phase of a project, from research and development to the final outcome, you need to ask yourself questions that will help you to evaluate and review your work, but also to strengthen your reflective skills. Reflection provides information concerning where ideas come from, which is essential to make connections and to act upon them. You need to understand that the relation between reflection (your thoughts) and action (what you design) needs to be strong at all stages of the project: REFLECTION \Leftrightarrow ACTION

6.1 Model of reflection. This is a framework that you can use to aid your reflective process.

RESEARCH REFLECTION FROM ACTION / REFLECTION TO ACTION

- What is this work about? What is successful about it? Why?
- Why does this work inspire you? What can you learn from it?
- Why do you find it interesting for your own work?

DEVELOPMENT: REFLECTION IN ACTION / REFLECTION ON ACTION

- What have you tried to make?
- What worked? What didn't? Why?
- What could you improve and do next?
- Which of your ideas do you prefer? Why? What do others think about them?
- How to link your research/experimentation to your idea(s)?
- Who is your audience/user? Why?

OUTCOME: REFLECTION ON ACTION / REFLECTION FROM ACTION

- What have you learned about yourself?
- What aspects of the project were successful? Why?
- What problems/limitations did you face and how did you overcome them?
- How have you pushed your project to be innovative?

6.2 Weekly reflection. To be used at any project phase.

> **What goal did you achieve this week?**

> **What worked? What didn't? Why?**

> **What will you do next?**

6.3. Other models of reflection

1. **Reflection-to-action:** What led to this action?

What happened before the workshop?

2. **Reflection-in-action:** What is happening now?

What do you feel/think while you are doing the workshop?

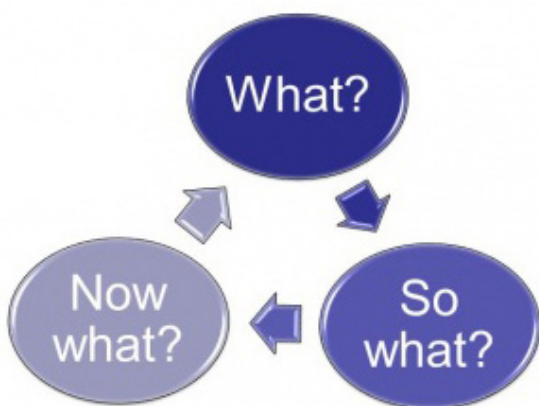
3. **Reflection-on-action:** What happened so far?

Looking back at the workshop, what happened and what did you learn?

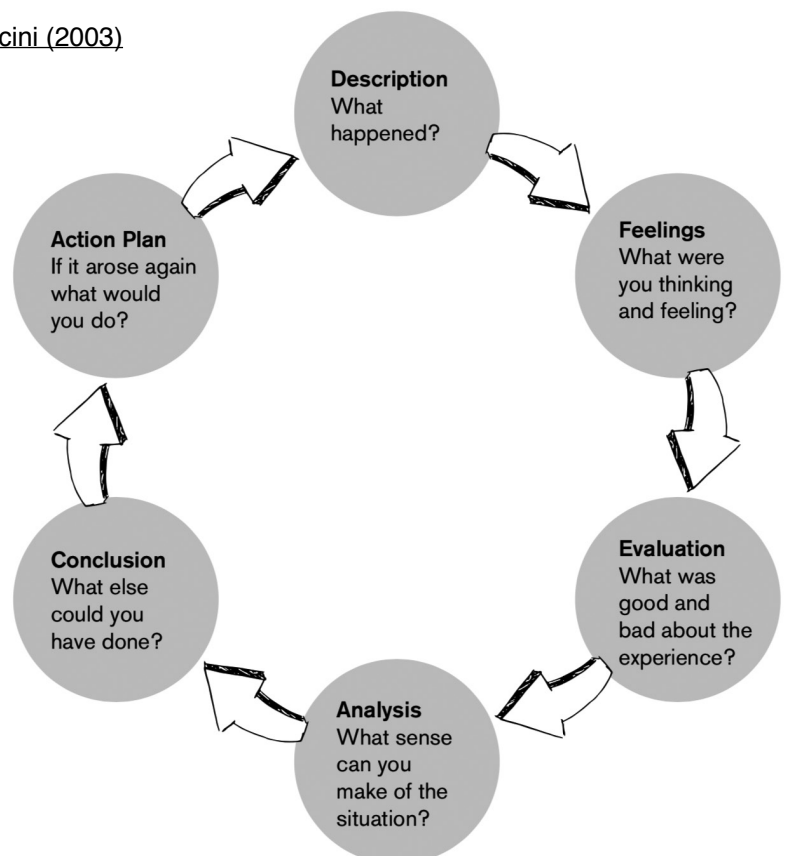
4. **Reflection-from-action:** What could happen?

What could you do next after this workshop?

Reflective action instructional design (RAID), Luppicini (2003)



Terry Borton's reflective cycle (1970)



Gibbs' Reflective Cycle (1988)