

Name: _____

Group: _____

PROCEDURES

SSC2 – SCIENCE

CREATING THE CONTEXT

I ask myself questions

- Define the complex terms used at the beginning of the learning situation.
- Determine who is involved in this learning situation.
- Formulate the questions that need to be asked. (If necessary, consider social, environmental, economic and ethical aspects.) These questions will help guide the information-gathering process.

I must

- Reformulate the goal of the problem to be solved in one's own words.

I think

- Express an opinion or propose a tentative explanation.

What I know and what I must find out

- Record what information is known and what needs to be found.

I prepare my work

- Determine where the information can be found or who needs to be asked.
- Define, in chronological order, the principal steps of the work to be done.

Reflection

Do I have a good understanding of what I must do?

Yes

☐

No

☐

GATHERING INFORMATION

I do research

- Define the key terms and the concepts involved.
- Gather information related to the problem to be solved.

I apply my research results

- Apply the results of the research to the problem to be solved. Depending on the situation, decide whether the results support arguments for or against the subject of the controversy or contain information about positive or negative effects or about the case study, etc.

Reflection

Yes No

Do I have a good understanding of the scientific
(and/or technological) concepts involved in this situation?

☐
☐

COMPLETING THE PROJECT

I make suggestions

- Propose a solution (or an explanation) for the problem.

Reflection

Yes No

Have I thought of other possible solutions (or explanations)?

☐
☐

VALIDATING THE PROJECT

I justify my approach

- Justify your solution (or explanation) using bibliographic or mediagraphic references, or references to the appropriate scientific concepts.
- Identify the advantages and the disadvantages of the proposed solution (or explanation).