PROCEDURE	SSC2 – SCIENCE

Creating the context

I ask myself questions

- Define the complex vocabulary in the introductory documents for the problem-solving situation.
- Identify the main players in the situation.
- Formulate the questions that should guide the main players in their information gathering. (Where relevant, consider the social, environmental, economic or ethical aspects of the situation.)

I must

- Reformulate the goal of the problem-solving situation.

I think

- Express your opinion or provide a provisional explanation.

What I know and what I must find out

- Write the information you already know and the information you need to find out.

I prepare my work

- Determine how and where to find the information you need (information sources and resource people).
- Define the main steps of the work to do and place them in chronological order.

Reflection

	Yes	No
Do I fully understand what I have to do?	☐	☐

Gathering information

I do research

- Define relevant key words and concepts.
- Gather relevant information.

I apply my research results

- Apply the results of the information gathering to the problem-solving situation. Depending on the situation, determine whether the information constitutes arguments for or against the subject of the controversy, desirable or undesirable effects, relevant facts in the case study, etc.

Reflection

	Yes	No
Do I fully understand the scientific (or technological) concepts covered in this situation?	☐	☐

Completing the work

I make suggestions

- Suggest a solution to the problem or an explanation for the situation.
- Take the relevant scientific or technological concepts into account.

Reflection

	Yes	No
Have I considered other approaches?	☐	☐

Validating the work

I justify my approach

- Justify the solution (or explanation) with relevant information, scientific concepts or sources (print or multimedia documents).
- Identify the advantages and disadvantages of the solution (or explanation).