PROCEDURE	SSC1 – TECHNOLOGY

Creating the context

I ask myself questions

- Research the technological (and scientific) concepts related to the problem to be solved.
- Define the key words.

I must

- Reformulate the goal of the problem-solving situation.

I think

- Choose the most appropriate design approach for the technical object and draw a design plan or circuit diagram based on this approach.

Reflection

	Yes	No
Does my design plan meet the specifications?	☐	☐
Do I fully understand the technological (and scientific) concepts covered in this situation?	☐	☐

Planning the project

I plan

- Draw the technical diagram or diagrams for the technical object.
- Draw up a list of equipment and materials for building the technical object.

Reflection

	Yes	No
Have I considered other approaches to building my technical object?	☐	☐

Completing the project

I build

- Build the technical object, following the technical diagram.
- Adjust the plan of action (technical diagram, list of materials) as needed. Record and justify each change.
- Follow safety rules at all times.

Reflection

	Yes	No
Did I record and justify each of the changes I made to my plan of action?	☐	☐

Testing the prototype

I evaluate my prototype

- Test the technical object to see whether it fulfills its general purpose.
- Determine whether all the requirements of the specifications have been met.
- Describe the difficulties encountered while building the object.
- Suggest improvements to the design and construction of the object.