

# PROCESS OF ACTIVE DISCOVERY

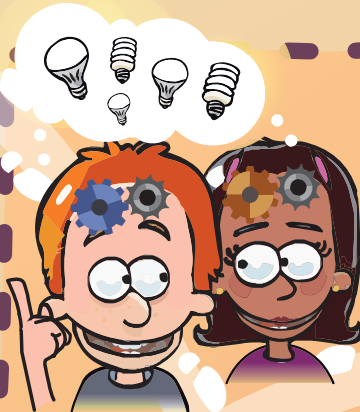
GENERAL LEARNING PROCESS IN SCIENCE AND TECHNOLOGY (IN ELEMENTARY SCHOOL)

## Context related to everyday life



- Situation problem or
- Discovery question or
- Need to be fulfilled
- Question related to the operation of an object (how does it work?)

## Initial ideas and hypothesis



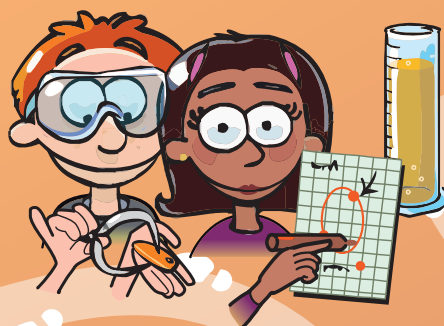
### My initial ideas:

- I share my own ideas.

### My hypothesis:

- I predict that... I think that because...
- I imagine my prototype.
- I think it works like this...

## Planning and carrying out



### My equipment:

- I observe and handle the equipment.
- How could this equipment be useful to me?
- I choose my equipment and my materials.

### Carrying out my process:

- What will the steps be?
- What precautions should I take?

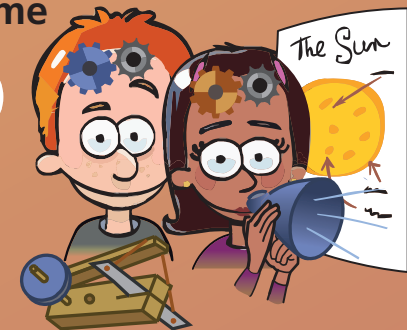
### My actions:

- I carry out the steps of my protocol.
- I note or draw what I observe, what I do and what I discover.

### My results:

- What is my answer to the problem, question or need?

## Outcome



### My outcome:

- Do my results confirm my hypothesis or not?
- Are my results similar to those of the other teams?
- Can the other teams' results help me to find answers to my problem, my question or my initial need?
- What could I communicate concerning my discoveries?

### What I learned:

- What do I retain from this activity?
- What could I communicate concerning my results or my discoveries?

New question?