



# POLAR STAR CANVAS – TEACHER CANVAS

## INITIAL OBJECTIVES

What were the initial objectives?  
Were the objectives always clear?  
Has the whole group understood and accepted the objectives?

Objectives in terms of content

## 21ST CENTURY SKILLS

What skills have been put into practice?

- Creativity
- Critical thinking
- Collaboration
- Communication

## TEAMWORK

What role has each member of the group played?  
How has the group work been?

### RIDE Assessment

- Respectful collaboration
- Intelligent collaboration
- Deciding together
- Encouraging

## INQUIRY/ENGINEERING TASKS

What specific tasks have been carried out?

- Hypothesis making
- Designing an experiment
- Performing an experiment
- Processing data
- Drawing conclusions

## DIFFICULTIES

What obstacles have you encountered in the development of the activity?

## DECISIONS

What decisions have been made to overcome the obstacles and execute the tasks?

## LESSONS LEARNED

What have your students learned from the activity?  
What have your students learned as a group?  
What would you improve with regard to the learning process?

## DIGITAL TOOLS

What technologies have been used?

- Padlet
- Mentimeter
- Concept Maps
- Quiz

## SCIENCE AS A WHOLE

How does the activity relate to the different STEAM areas?  
Which area has been worked on in depth?

Science WAND

## FUTURE

What would we like to do and teach after this activity?



# POLAR STAR CANVAS – STUDENT CANVAS

## INITIAL OBJECTIVES

What were the initial objectives?  
Were the objectives always clear?  
Have the whole group understood and accepted the objectives?

## 21ST CENTURY SKILLS

What skills do you feel you have put into practice?

- Creativity
- Critical thinking
- Collaboration
- Communication

Any more comments?



## TEAMWORK

What role has each member of the group played?  
How has the group work been?  
How would you rate your team in terms of:

- Respectful collaboration
- Intelligent collaboration
- Deciding together
- Encouragement



Any more comments?

## INQUIRY TASKS

How do you feel about the tasks that you carried out?

- Making Hypothesis
- Design an experiment
- Perform an experiment



Any more comments?

## DIFFICULTIES

What obstacles have you encountered during the activity?

## DECISIONS

What decisions have been made as a group to overcome the obstacles and execute the tasks?

## DIGITAL TOOLS

How do you feel about the technologies have been used?

- Padlet
- Quiz
- Mentimeter
- ...



## FUTURE

What would we like to do and learn after this activity?

## LESSONS LEARNED

What have you learned from the activity?  
What have you learned as a group?  
What would you improve?