PQOTOCOL

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HOW TO MAXIMISE SOLAR ENERGY INPUT AND CREATE SELF-ORIENTING SOLAR PANELS?

A solar panel works by converting solar energy into electricity. It is made up of photovoltaic cells that capture sunlight and convert it into electricity using a process called the photovoltaic effect. The electricity produced by the cells is then sent to an inverter, which converts it into alternating current that can be used to power appliances. Because of their durability and ability to produce clean energy, solar panels are considered an important form of renewable energy.

Can you develop a solution to understand the ideal orientation of a solar panel in order to maximise its efficiency?







Name your team / Name of the participants:

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DEFINE YOUR SCIENTIFIC EXPERIMENT



We invite you through this model to be creative while developing the scientific and technical points to design a unique and motivating experiment! You are free to develop your own solution or to draw on our existing protocols and pre-existing resources you can find on the internet.

OQIENTOTION	
Briefly introduce your solved, what are the le	experiment, the issues addressed, the learning objectives. Define the problem to be earning objectives?
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CONCEPTUALISATION

Formulate a hypothesis to answer the given problem.	



INVESTIGATION

Describe the steps needed to answer you data and use sensors, display the data, propose one or more solutions.	ır hypothesis. You co make it accessible,	ould use the following s analyse the data and	steps as a guide: collect the conclude, use the data to



NVESTIGATION - CONTINUED
CONCLUDE, DERRIEF
Identify the knowledge mobilised during this phase, identify the learnings aquired, reflect on what you have gained as competencies, knowledge and skills.
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