PQOTOCOL

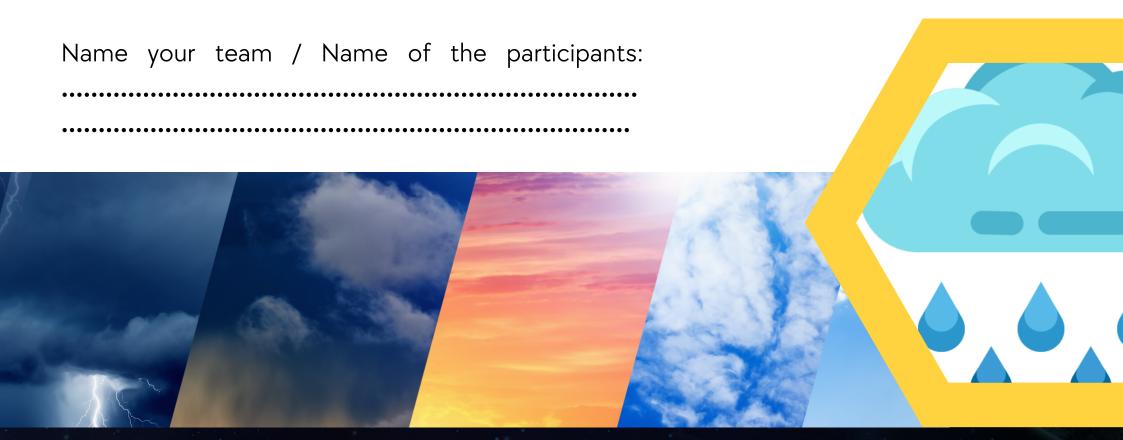
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CAN WE BUILD A SOLUTION FOR ACCESSING WEATHER INFORMATION?

What the weather will be like has always been of great interest to people. The weather plays an important role in our moods and sometimes in our behaviour (e.g. in our choice of clothing). Access to weather information is omnipresent in the media (before or after the news, on the radio, etc.). In smartphones there are a multitude of applications, often installed as standard in an operating system. For some people, it is unthinkable to set foot outside without knowing the day's forecast. Martin De La Soudière (ethnologist and sociologist) quotes the following about the weather in one of his books: "It is something that is omnipresent. The relationship with the outside world is based on the relationship with the air, the wind, the atmosphere. So it's something very intimate. However, there is sometimes confusion between climate and meteorology, which differ in the time scale to which they apply. Meteorology, which is the study of atmospheric phenomena (wind, rain, clouds, etc.) is an extremely complex science and requires the measurement of parameters such as temperature, atmospheric pressure, humidity, etc. The aim of this activity is not to make weather forecasts, but rather to understand a little better the underlying concepts that make it up. An effective way of getting to grips with them is through measurement.

Can you develop a solution to measure and analyse the main parameters that influence the weather?



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CAN WE BUILD A SOLUTION FOR ACCESSING WEATHER INFORMATION?



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.

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

INTERDISCIPLINGRITY

Discipline	Concept addressed through the protocol		

CONCEPTUALISATION

Formulate a hypothesis to answer the given problem.	

CAN WE BUILD A SOLUTION FOR ACCESSING WEATHER INFORMATION?



INVESTIGATION

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

CAN WE BUILD A SOLUTION FOR ACCESSING WEATHER INFORMATION?



INVESTIGDT	ion - continu	ED		
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