PQOTOCOL

blank working sheet



DOES AIR QUALITY DECREASE WHEN THE NUMBER OF PEOPLE IN A ROOM IS INCREASING?

Indoor air quality is crucial to human health and well-being. Indeed, people spend about 90% of their time indoors, which means that indoor air quality can have a significant impact on health. Air quality can be affected by a number of factors, including household cleaning products, mould, dust mites, pollen, etc. These contaminants can cause negative effects on the health of people. These contaminants can cause negative effects such as headaches, eye, respiratory and skin irritations, as well as allergy, asthma and bronchitis symptoms. In this project, we are investigating whether and why the number of people in a room can also have an impact on indoor air quality. Which variable should be taken into account?

Can you develop a solution to understand the impact of the number of people on indoor air quality?





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.

efly introduce your exper ved, what are the learning	iment, the issues addressed, the learning objectives. Define the problem to bobjectives?
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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.



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