Name: _____ **Date:** _____



Start with the smallest sail. Place the yacht at around 20 cm in from of the fan and note its initial place. Having the fan on, let it move freely until it stops. Note with a brick this point and measure with a meter how much it moved. Repeat the measurement 3 times.

1st trial	2nd trial	3rd trial

Why do we need to repeat the measurement more than one time?



Try to place the yacht in various angles towards the fan. Describe what you see.



Replace the small with the medium sail and repeat the same process as before.

1st trial	2nd trial	3rd trial



Replace the medium with the large sail and repeat the same process as before.

1st trial	2nd trial	3rd trial

What is the inference you end up to?



From what you learned in the lesson, describe with a few words or sketch your own wind car. Do you think that there are any restrictions in an exclusively wind vehicle?

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Project No.: 2021-1-EL01-KA220-SCH-000023967
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