

Name: _____ Date: _____ Class: _____

Wind-Powered Sail Cars Post-Quiz

Explain the following terms:

Circle the letter for your answer and fill in the blank whenever you choose answer C or D.

Energy

- A. I've never heard of it.
- B. I've heard of it, but I have no idea what it is.
- C. I've heard of it. I think it has something to do with _____
- D. I know what it is. It's _____

Kinetic energy

- A. I've never heard of it.
- B. I've heard of it, but I have no idea what it is.
- C. I've heard of it. I think it has something to do with _____
- D. I know what it is. It's _____

Energy transfer

- A. I've never heard of it.
- B. I've heard of it, but I have no idea what it is.
- C. I've heard of it. I think it has something to do with _____
- D. I know what it is. It's _____

Wind energy

- A. I've never heard of it.
- B. I've heard of it, but I have no idea what it is.
- C. I've heard of it. I think it has something to do with _____
- D. I know what it is. It's _____

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Answer the following questions:

1. What kind of energy does wind have? (Remember, wind is moving air.)
2. What kind of energy does a sail car have when it is *moving*?
3. From where did the energy to move the sail car come?
4. On the back of this sheet, write a short paragraph describing your sail car design process and how you determined your final sail car design. →