

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 _____

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. →**