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.

Wind-Powered Sail Cars Activity—Post-Quiz