**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**

1. I’ve never heard of it.
2. I’ve heard of it, but I have no idea what it is.
3. I’ve heard of it. I think it has something to do with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. I know what it is. It’s \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Kinetic energy**

* 1. I’ve never heard of it.
	2. I’ve heard of it, but I have no idea what it is.
	3. I’ve heard of it. I think it has something to do with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	4. I know what it is. It’s \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Energy transfer**

* 1. I’ve never heard of it.
	2. I’ve heard of it, but I have no idea what it is.
	3. I’ve heard of it. I think it has something to do with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	4. I know what it is. It’s \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Wind energy**

* 1. I’ve never heard of it.
	2. I’ve heard of it, but I have no idea what it is.
	3. I’ve heard of it. I think it has something to do with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	4. 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. 🡺**