

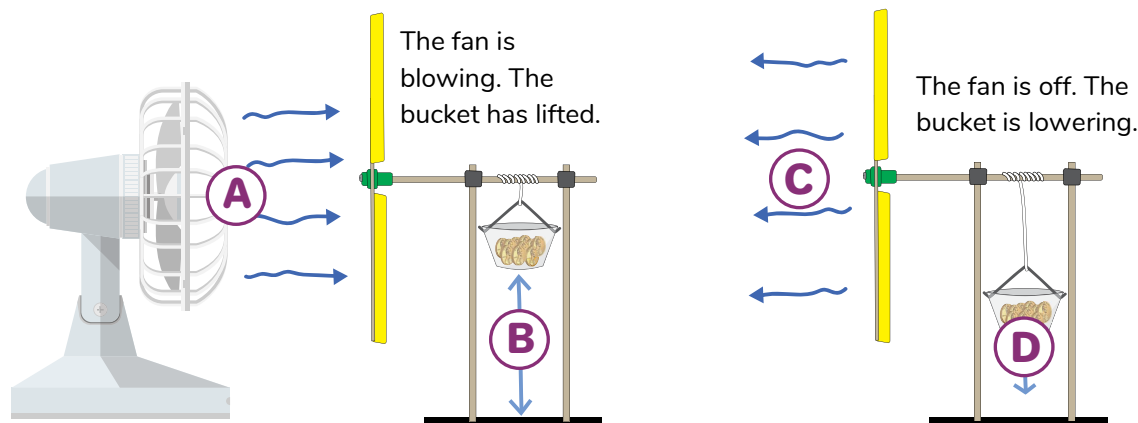
Name(s): _____

Make sure you have a built TeacherGeek Wind Lift, before starting this lab.

Energy is the ability to do work

Potential Energy is stored energy. It is as the result of its position.

Kinetic Energy is the energy of motion. If an object is moving, it has kinetic energy.



Write the letters to match the type of energy shown above. Use letters only once.

1. ____ shows potential energy turning into kinetic energy
2. ____ shows potential energy as a result of height
3. ____ shows kinetic energy that came from electricity
4. ____ shows the kinetic energy of blowing air; from the potential energy of the bucket

5. Put something heavy in the bucket. Wind up the bucket by hand (without the fan) and let it drop. Notice how fast blades spin and how much air is pushed. Now put something light in the bucket. Wind it up and let the bucket drop. What's different? Figure it out. Explain it to your instructor using these, and other words:

- Potential Energy Kinetic Energy More Energy Less Energy

Instructor Signature _____

