Tennessee STEM Education Center
Science · Technology · Engineering · Math
MIDDLE TENNESSEE STATE UNIVERSITY

STEAM Festival Scavenger Hunt (High School)

Items to find:

1. Find something that converts glucose into ATP (Hint: Person or pet)
2. Find something that has the ability to convert potential energy into kinetic energy
3. Find something that is considered to be an alkali
4. Find something that's time to reach the ground depends on the amount of air resistance and its surface area.
5. Take a picture of an object that produces an electromagnetic field
6. Take your temperature or find the normal average body temperature and convert it from Fahrenheit to Celsius. Following this, convert the number you have found in Celsius to kelvin. Take a picture of your final answer (use the conversion equations, you can find this on the internet).
7. Find something that stores chemical energy and converts it to electrical energy.
8. Find something that produces audio frequencies between 20 Hz and 20,000 Hz (Don't have to find the exact frequency of object, there are everyday objects that use this frequency. Can use the internet for this! Hint: these objects can have wires or can operate wirelessly.)
9. Find something that uses radio waves instead of wires or cables to transmit information between electronic devices over short-distances
10. Find something that is considered to be a solute
11. Find something that is considered to be a solvent
12. Find something that is considered a homogenous mixture
13. Find something that is considered to be a heterogeneous mixture
14. Find an object that emits radiation
15. Find an object that act as an insulator

TENNESSEE STEAM! FESTIVAL
BE BRILLIANT!