

ENERGY AND NASCAR

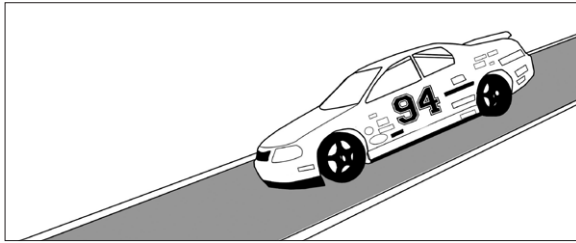
ACTIVITY SHEET 1A: POTENTIAL ENERGY

NAME _____

POTENTIAL ALL AROUND US

DIRECTIONS: Read about four types of potential energy in the chart below. Then write down as many examples of each that you can think of. One is already done for you.

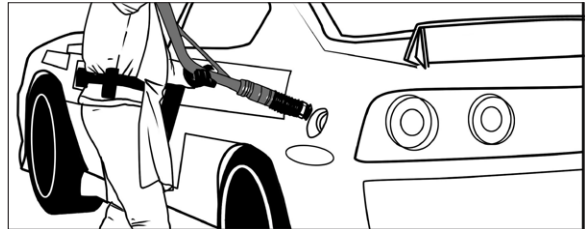
GRAVITATIONAL: energy stored in an object due to its height.



UNITS OF MEASURE: joules

Examples: a racecar coming off a bank,

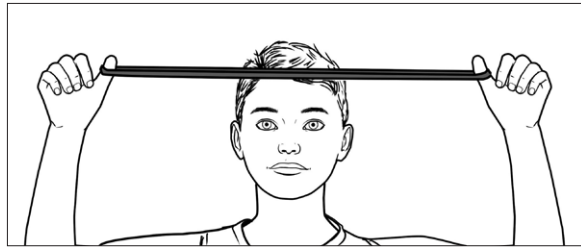
CHEMICAL: energy stored in chemicals.



UNITS OF MEASURE: calories (food), joules, horsepower-hours (vehicles)

Examples: burning fuel inside a racecar's engine, _____

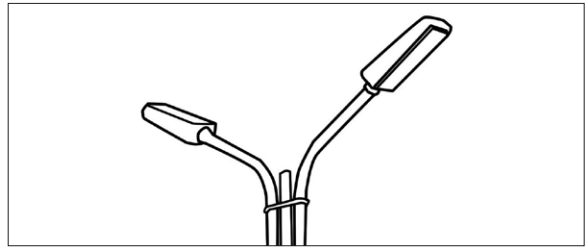
ELASTIC: energy stored in an object that can be stretched or squeezed.



UNITS OF MEASURE: joules

Examples: the springs that make up a racecar's suspension system, _____

ELECTRIC: energy stored as electricity.



UNITS OF MEASURE: volts

Examples: the wires in a lamppost, _____
