



Homeschool Learning Network

ANSWERS TO LESSON 1 ACTIVITY (MR. CHEN)

Name _____

Date _____

MR. CHEN* is a mnemonic for remembering the 6 forms of energy. :

Possible answers for student's list of activities that use each form of energy.

Mechanical – windmill used to make electricity, water wheel used to grind grain;

Radiant – solar panel used to provide electricity and heat for a house;

Chemical – gasoline is used to run a car, propane gas used to heat an oven;

Heat – coal is used to heat a house or produce steam for a steam train engine;

Electrical – electricity from an outlet is used to run appliances in your home;

Nuclear – nuclear power plant uses the fission (breaking apart) of atoms to create energy that is converted into electricity.

*adapted from the National Renewable Energy Laboratory – Learning About Energy,
http://www.nrel.gov/education/pdfs/sources_energized.pdf

M Mechanical Energy

R Radiant (Light) Energy

C Chemical Energy

H Heat Energy

E Electrical Energy

N Nuclear Energy