

through gases, liquids and solids. MU 5.2b The force of magnetism of magnetism increases.



## form of energy present in common situations (e.g. , mechanical to heat energy, mechanical to electrical energy, chemical to heat energy).

PI 4.2 Observe the way one form of energy can be transferred into another

MU 4.2a Everyday events involve one form of energy being changed to another. · animals convert food to heat and motion . the Sun's energy warms the air and water MU 4.2b Humans utilize interactions between matter and energy. who 4.20 humans builze interactions between matter and eth chemical to electrical, light, and heat: battery and bulb
electrical to sound (e.g., doorbell buzzer)
mechanical to sound (e.g., musical instruments, clapping)

light to electrical (e.g., solar-powered calculator)

liquids do not have a definite shape, but have a definite volume. gases do not hold their shape or volume.
MU 3.2b Temperature can affect the state of matter of a substance. MU 3.2c Changes in the properties or materials of objects can be observed and described.

NYSLS Doc. #000-000-000 Form: CHART

Support for the development and production of this material was provided by a grant under The New York State Higher Education Teacher/Leadership Quality Partnership program administered by the New York State Education Department

Prepared by Jeff Arnold 3/04 Daemen College TLQP ©2004Whitehouse Studio



