

**FOSS Solar Energy Module
Glossary Terms
2005 Edition**

Teacher Guide Terms

Investigation 1: Sun Tracking

Compass
Direction
Orientation
Shadow
Sun

Investigation 2: Heating the Earth

Earth material
Elapsed time
Energy transfer
Heat sink
Solar energy
Thermometer

Investigation 3: Solar Water Heaters

Absorb
Reflect
Solar collector
Surface area

Investigation 4: Solar Houses

Active solar energy
Greenhouse effect
Passive solar energy
Space heating

Science Stories Terms

Investigation 1: Sun Tracking

Corona
Elasticity
Gravity
Magnetic field
Melanin
Penumbra
Radiation
Rotation
Solar wind
Thermonuclear reaction
Ultraviolet radiation
Umbra

Investigation 2: Heating the Earth

Air pressure
Cyclone
High-pressure zone
Hurricane
Low-pressure zone
Mass
Matter
Membrane
Meteorologist
Molecule
Precipitation
Temperate
Tornado
Typhoon

Investigation 3: Solar Water Heaters

Acrylic
Fossil fuel
Regulator
Silicon
Solar cell
Solar panel
Solar thermal unit

Investigation 4: Solar Houses

Asteroid
Comet
Desiccant
Gas giant
Milky Way Galaxy
Orbit
Satellite
Terrestrial