Investigations Guide Vocabulary

Investigation 1: The Sun
axis  
compass  
day  
night  
North Pole  
North Star  
orbit  
orientation  
revolution  
rotation  
shadow  
Sun  
sunrise  
sunset

Investigation 2: Planetary Systems
asteroid  
asteroid belt  
comet  
constellation  
crescent Moon  
dwarf planet  
first-quarter Moon  
force  
full Moon  
gas giant planet  
gibbous Moon  
gravity  
Kuiper belt  
lunar cycle  
Moon  
night sky  
new Moon  
phase  
planet  
solar system  
star  
terrestrial planet  
third-quarter Moon  
waning Moon  
waxing Moon

Investigation 3: Earth’s Atmosphere
air  
air pressure  
atmosphere  
barometer  
compress  
forecast  
humidity  
hygrometer  
mass  
matter  
meteorologist  
precipitation  
pressure  
temperature  
thermometer  
troposphere  
visibility  
weather  
weather variable  
wind  
wind direction  
wind speed  
wind vane

Investigation 4: Heating Earth
absorb  
conduction  
contract  
convection current  
earth material  
energy transfer  
expand  
experiment  
fluid  
geosphere  
hydrosphere  
less dense  
more dense  
radiant energy  
radiation  
ray  
reflect  
reradiation  
solar collector
solar energy
solar energy exposure
solar water heater
uneven heating
variable

**Investigation 5: Water Planet**
climate
climatologist
condensation
condense
dew
drought
evaporate
evaporation
fog
fresh water
frost
glacier
ground water
hurricane
ice cap
lake
ocean
recycle
river
salt water
severe weather
thunderstorm
tornado
water cycle
water vapor
Science Resources Vocabulary

Investigation 1: The Sun
days
Earth
night
opaque
rotate
season
shadows
Sun
sunrise
sunset

Investigation 2: Planetary Systems
air
asteroid
astronomers
astronomy
atmosphere
axis
Big Dipper
black hole
clouds
comets
constellation
craters
crescent Moon
cycle
diameters
dwarf planets
extraterrestrial
first-quarter Moon
force
full Moon
galaxy
gas
gas giant planets
gibbous Moon
gravitational attraction
gravity
hurricanes
Kuiper Belt
liquid
lunar cycle
lunar eclipse
magnify
mass
matter
Milky Way
Moon
new Moon
observatories
orbits
phase
planetary
planets
predict
reflected
satellite
solar eclipse
solar system
solar wind
stars
telescope magnifies
temperature
terrestrial planets
thermonuclear reactions
third-quarter Moon
unaided eyes
waning
waxing
weather

Investigation 3: Earth’s Atmosphere
absorbs
air pressure
anemometers
barometer
condensation
exosphere
evaporation
humidity
hygrometers
mesosphere
meteorologists
ozone
photosynthesis
precipitation
radiation
rain
stratosphere
thermometer
thermosphere
troposphere
water vapor
weather variables
wind
wind meters
wind vane

**Investigation 4: Heating Earth**
conduction
conserve
convection current
energy transfer
fossil fuels
geosphere
hydrosphere
kinetic energy
radiant energy
renewable resource
solar energy
thunderstorms
tornadoes

**Investigation 5: Water Planet**
blizzards
climate
dew
droughts
fog
frost
greenhouse effect
hail
recycles
severe weather
sleet
snow
transpiration
water cycle