<table>
<thead>
<tr>
<th>Investigation 1: Earth as a System</th>
<th>Investigation 4: Phases of the Moon</th>
</tr>
</thead>
<tbody>
<tr>
<td>altitude</td>
<td>crescent</td>
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<tr>
<td>atmosphere</td>
<td>first quarter</td>
</tr>
<tr>
<td>biosphere</td>
<td>full Moon</td>
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<tr>
<td>bird’s-eye view</td>
<td>gibbous</td>
</tr>
<tr>
<td>elevation</td>
<td>lunar eclipse</td>
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<tr>
<td>frame of reference</td>
<td>new Moon</td>
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<tr>
<td>geosphere</td>
<td>phase</td>
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<tr>
<td>hydrosphere</td>
<td>solar eclipse</td>
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<tr>
<td>location</td>
<td>third quarter</td>
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<td>point of view</td>
<td>waning</td>
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<td>subsystem</td>
<td>waxing</td>
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<td>system</td>
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<thead>
<tr>
<th>Investigation 2: Earth/Sun Relationship</th>
<th>Investigation 5: Craters</th>
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<tbody>
<tr>
<td>axis</td>
<td>asteroid</td>
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<td>equator</td>
<td>comet</td>
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<td>equinox</td>
<td>complex crater</td>
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<td>latitude</td>
<td>ejecta</td>
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<td>longitude</td>
<td>flooded crater</td>
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<tr>
<td>North Star</td>
<td>impact</td>
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<tr>
<td>orbit</td>
<td>meteoroid</td>
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<td>revolution</td>
<td>regolith</td>
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<td>rotation</td>
<td>simple crater</td>
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<tr>
<td>season</td>
<td></td>
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<tr>
<td>solar angle</td>
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<td>solstice</td>
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<tr>
<th>Investigation 3: Moon Study</th>
<th>Investigation 6: Beyond the Moon</th>
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</thead>
<tbody>
<tr>
<td>crater</td>
<td>accretion</td>
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<tr>
<td>highland</td>
<td>astronomical unit (AU)</td>
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<tr>
<td>mare (maria)</td>
<td>galaxy</td>
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<tr>
<td>model</td>
<td>gravity</td>
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<tr>
<td>ray</td>
<td>light-year (ly)</td>
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<tr>
<td>rille</td>
<td>nebula</td>
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<tr>
<td>scaling factor</td>
<td>orbital radius</td>
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<tr>
<th>Investigation 7: The Solar System</th>
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<tbody>
<tr>
<td>anthropocene</td>
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<tr>
<td>atmosphere</td>
<td></td>
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<tr>
<td>exoplanet</td>
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</table>
Investigation 8: Space Exploration
absorption line
emission line
light signature
spectroscope
spectrum
visible light

Investigation 9: Orbits and New Worlds
orbital period
orbital radius
orrery
transit
Science Resources Vocabulary

Investigation 1: Earth as a System
atmosphere
biosphere
core
cosmos
crust
frame of reference
galaxy
geosphere
hydrosphere
interacting
mantle
planet
solar system
subsystem
system
universe

Investigation 2: Earth and Sun Relationship
axis
circumference
equator
equinox
latitude
location
North Star
orbit
parallel
revolution
rotation
season
solar energy
solstice
Sun

Investigation 3: Moon Study
Moon
star

Investigation 4: Phases of the Moon
crescent Moon
first-quarter Moon
full Moon
gibbous
lunar
lunar eclipse
new Moon
phase
solar
solar eclipse
third-quarter Moon
waning
waxing

Investigation 5: Craters
asteroid
asteroid belt
comet
complex crater
crater
diameter
ejecta
flooded crater
gravity
highlands
impact
mare (maria)
meteor
meteoroid
model
Oort Cloud
ray
simple crater

Investigation 6: Beyond the Moon
astronomical unit (AU)
big bang theory
binary star
black hole
dwarf planet
emit
Kuiper Belt
light-year (ly)
Local Group
Magellanic Cloud
meteorite
Milky Way
nebula (nebulae)
planetesimal
red giant
satellite
star cluster
supernova
white dwarf

Investigation 7: The Solar System
anthropocene
bird’s-eye view
ecosystem
fossil fuel
fracking
greenhouse gas
nonrenewable
plutoid
renewable

Investigation 8: Space Exploration
absorption line
electromagnetic spectrum
emission line
radiometer
spectroscope
spectrum
visible light
wavelength

Investigation 9: Orbits and New Worlds
barycenter
Doppler shift
exoplanet
orbital period
transit
wobble method