Unit 6 - Energetic Waves of Energy

Days 46-50

-understand how we hear

| **Concept/Vocabulary Word**  | **Definition**  |
| --- | --- |
| Transfer | to move from one place to another |
| wave | an oscillation that travels through a medium by transferring energy from one particle or point to another without causing any permanent displacement of the medium |

Days 51-55

-Understand the physics of sound through music

| **Concept/Vocabulary Word**  | **Definition**  |
| --- | --- |
| pitch | the level of a sound in a musical scale, according to its frequency |

Day 56 Remediation

Days 57-61

-Understand how the human eye works

| **Concept/Vocabulary Word**  | **Definition**  |
| --- | --- |
| Absorption | the ability of a substance to absorb light |
| scattering | the deflection of a wave or beam of particles caused by collisions with other particles |

Days 62-66

-Understand the law of conservation

| **Concept/Vocabulary Word**  | **Definition**  |
| --- | --- |
| equilibrium | a state or situation in which opposing factors balance each other out and stability is attained |

Days 67 Remediation

Days 68-73

-Understand that the sun is a source of energy

| **Concept/Vocabulary Word**  | **Definition**  |
| --- | --- |
| radiation | the emission of energy in the form of rays or waves |

Days 74-78

-Understand that energy can move in waves

|  |  |
| --- | --- |
| crest | the top part of something that slopes or rises upward, e.g. a wave |
| trough | the low or negative half of the amplitude in the cycle of a periodic wave or alternating signal |

Days 79-81

-The students should be able to demonstrate mastery of the objectives