

7th Grade Science Pacing

1st Six Weeks

| Content Focus | Standards | Critical Vocabulary |
|---|--|--|
| Inquiry and Technology Engineering | <ul style="list-style-type: none"> • 0707.Inq.1 through 0707.Inq.5 • 0707.T/E.1 through 0707.T/E.5 | Variables Bias Engineering Design Process Prototype Unintended Consequences Bioengineering Adaptive Design |

2nd Six Weeks

| Content Focus | Standards | Critical Vocabulary |
|--|---|--|
| Cells Flow of Matter and Energy | <ul style="list-style-type: none"> • 0707.1.1 through 0707.1.10 • 0707.3.1 through 0707.3.7 | Compound Microscope Organelles Organ Systems Division of Labor Chromosomes Cell Division Diffusion Photosynthesis Respiration Chloroplasts Reactants Products |

3rd Six Weeks

| Content Focus | Standards | Critical Vocabulary |
|-----------------|--|--|
| Heredity | <ul style="list-style-type: none"> • 0807.9.2 • 0807.9.6 • 0807.9.8 through 0807.9.19 | Sexual Reproduction Asexual Reproduction Dominant Traits Recessive Traits Punnett Square Genotypes Monohybrid Phenotype |

4th Six Weeks

| Content Focus | Standards | Critical Vocabulary |
|---------------|---|---|
| Motion | <ul style="list-style-type: none"> • 0707.11.1 through 0707.11.6 | Simple Machines Force, Speed, Velocity Wave Transverse Waves Longitudinal Waves |

5th Six Weeks

| Content Focus | Standards | Critical Vocabulary |
|----------------------|-----------------------------|--|
| The Earth | • 0707.7.1 through 0707.7.9 | Minerals Rock Cycle Sedimentary Igneous Metamorphic Renewable Resource Nonrenewable Resource |

6th Six Weeks

Review, reinforce, or remediate based on needs of students as indicated by formative assessment data.