

## Science

3 <sup>rd</sup> 9 weeks	Science 7 <sup>th</sup> grade	Science 8 <sup>th</sup> grade
Jan. 17- Feb 3	<p><b>7.14 B:</b> Uniform or diverse offspring from sexual or asexual reproduction</p> <p><b>7.11 C:</b> Natural selection and selective breeding</p> <p><b>7.11 B:</b> Adaptations of external features, behaviors, migration, hibernation and bulbs</p>	<p><b>8.9 A:</b> Describe the historical development of evidence that supports plate tectonic theory.</p> <p><b>8.9 B:</b> Relate Plate Tectonics to the formation of crustal features.</p> <p><b>8.9 C:</b> Interpret topographic maps and satellite views to identify land and erosional features and predict how these features may be reshaped by weathering.</p>
Feb. 6- Feb.24	<p><b>7.12 A:</b> Internal Structural Adaptations</p> <p><b>7.10 A:</b> Biomes and microhabitats in schoolyards support organisms</p>	<p><b>8.11 A :</b> Describe producer/consumer, predator/prey, and parasite/host relationships as they occur in food webs within marine, freshwater, and terrestrial ecosystems.</p> <p><b>8.11 B :</b> Investigate how organisms and populations in an ecosystem depend on an may compete for biotic and abiotic factors such as quantity of light, water, range of temperatures, or soil composition.</p> <p><b>8.11 C :</b> Explore how short and long term environmental changes affect organisms and traits n subsequent populations.</p>
Feb.28- March 24	<p><b>7.10 B:</b> Biodiversity contributes to sustainability of an ecosystem</p> <p><b>7.5 A:</b> Photosynthesis</p> <p><b>7.5 C:</b> Flow of energy: food chains, food webs and energy pyramids</p>	<p><b>8.11D</b> Recognize human dependence on ocean systems and explain how human activities such as runoff, artificial reefs, or use of resources have modified these systems.</p> <p><b>8.10 A</b> Recognize that the Sun provides the energy that drives convection within the atmosphere and oceans, producing winds and ocean currents.</p> <p><b>8.10B</b> Identify how global patterns of atmospheric movement influence local weather using weather maps that show high and low pressures and fronts</p>