

Grade 8 Storyline

Bundle

Suggested Pacing

Anchoring Phenomena

Scopes

1	Objects Move and Collide	7 weeks	How do unbalanced forces cause sports injuries?	Newton's Third Law of Motion Changes in Force and Motion Gravitational Forces Kinetic Energy
2	Noncontact Forces Influence Phenomena	9 weeks	How can an object influence the motion of another object without touching it?	Potential Energy Earth, Sun, and Moon System Formation and Motion of Galaxies The Solar System Electric and Magnetic Forces Gravitational Forces
3	Evolution Explains Life's Unity and Diversity	10 weeks	How does the history of Earth and evidence of evolution give us clues about how Earth evolved and how species are similar and diverse?	Geologic History of Earth Fossil Record Embryonic Similarities Evolutionary History and Relationships Natural Selection Gene and Proteins Mutations Artificial Selection

Grade 8 Storyline

Bundle

Suggested Pacing

Anchoring Phenomena

Scopes

4	Sustaining Local and Global Biodiversity	10 weeks	How can interpreting waves be used to measure biodiversity?	Human Impact on the Environment Introduction to Properties of Waves Modeling Waves Through Various Mediums Properties of Visible Light Modeling Light Waves Digital vs Analog Signals Earth, Sun, and Moon System Natural Selection Artificial Selection
---	--	----------	---	--