

HS Life Science Storyline

Bundle

Suggested Pacing

Anchoring Phenomena

Scopes

1	Traits	6.5 weeks	Is screening embryos for preferred traits a good or bad idea?	Cell Division and Complex Organisms DNA to Proteins Inheritance of Traits Variation in Traits
2	Systems and Homeostasis	3.5 weeks	In what other ways is homeostasis affected by societal trends or human activity?	Organization of Systems Feedback and Homeostasis
3	Life in Ecosystems	8 weeks	Around the world, scientists are already testing possible solutions to overpopulation, but they worry it may not be fast enough.	Molecules of Life Cellular Energy Bioenergetics Flow of Matter and Energy in Ecosystems Carbon Flow in Ecosystems
4	Changes in Ecosystems	5 weeks	The nutria rat is an invasive species that has had a negative impact on the ecosystems it has been introduced to because of the damage it causes by burrowing, the diseases it carries, and how quickly it reproduces.	Carrying Capacity Biodiversity and Changes in Ecosystems Minimizing Human Impact on Earth

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5	Common Ancestry and Evolution	5 weeks	Rabbits and hares have commonly been confused for one another for many years. However, they have some very distinct features that cause them to be different. Are these differences enough to consider them different species?	Evidence of Common Ancestry Factors of Evolution Results of Natural Selection
6	Environment and Survival	3 weeks	Changes in sea lion population sizes have even been noticed during cyclical climate change events such as El Niño, producing smaller and sickly offspring. However, with the ever-changing climate due to environmental and human interaction, some worry that larger mammals, such as the California sea lion, may soon be affected more drastically.	Environmental Impact on Species Animal Behavior and Survival