

3rd ELA/Science Integration

ELA Lessons	OpenSciEd Lesson	Connection	Connection (1 weak to 3 strong)
U3 L1-3 – Weather, Forecasts & Precipitation	3.2 L3-5 – Precipitation, Temperature & Weather Patterns	Connect weather forecasting to patterns in temperature and precipitation data.	★★★
U3 L4-7 – Forecasting & Storm Preparation	3.2 L5, L7-8 – Weather Patterns & Hazards	Use weather information to anticipate hazardous conditions and their effects.	★★★
U3 L8-9 – Reducing Severe Weather Impacts	3.2 L7-12 – Weather Hazards & Protective Solutions	Explore ways people reduce damage caused by hazardous weather.	★★★
U3 L11-13 – Historic Weather & Meteorology	3.2 L3-8 – Weather Data, Patterns & Hazards	Connect meteorology and historical weather events to analyzing weather patterns and hazards.	★★★
U3 L14-17 – Hurricanes & Community Impact	3.2 L7-8 – Hazardous Weather & Its Effects	Examine how severe weather can affect plants, people, and communities.	★★★
U6 L1 – Plant & Animal Adaptations	3.3 L5-8 – Traits, Inheritance & Environment	Explore how traits help explain how animals look, act, and survive.	★★★
U6 L1 – Plant & Animal Adaptations	3.4 L4-8 – Traits, Habitats & Animal Behavior	Connect organism characteristics and behaviors to survival in particular environments.	★★★
U6 L2-3 – Seed Dispersal & Survival	3.2 L1-3 – Plant Life Cycles & Needs	Connect plant reproduction and seeds to plant survival and growth.	★★★
U6 L4-7 – Krill Life Cycle	3.3 L1-4 – Animal Life Cycles	Compare how animals grow and change through predictable life stages.	★★★
U6 L8-9 – Human Impact on Plant & Animal Survival	3.4 L9-12 – Habitat Change & Protection	Explore how human actions affect organisms and how solutions can protect habitats.	★★★
U6 L11 – Inherited Traits & Growth	3.3 L1-8 – Growth, Inheritance & Traits	Direct connection to inherited traits, development, and environmental influences.	★★★
U6 L12-13 – Lodgepole Pine Adaptations	3.2 L2-5 – Plant Life Cycles & Growing Conditions	Explore how plant characteristics and environmental conditions affect survival and reproduction.	★★
U6 L12-13 – Lodgepole Pine Adaptations	3.4 L4-6 – Plant Traits & Variation	Connect differences in plant traits to how plants function in their environments.	★★★
U6 L14-17 – Leopard Mothers & Cubs	3.3 L1-7 – Animal Development, Traits & Behavior	Connect offspring development and behavior to inherited and learned traits.	★★★
U6 L14-17 – Leopard Mothers & Cubs	3.4 L7-8 – Animal Behavior & Survival	Explore how animal behaviors help animals meet their needs and survive.	★★★
U9 L1 – Why Objects Move & Forces	3.1 L1-7 – Balance, Forces & Motion	Direct connection to forces causing or changing the motion of objects.	★★★
U9 L2-7 – Electricity, Friction & Forces	3.1 L6-7 – Forces & Predictable Motion	Connect fictional examples of forces and motion to investigations of how forces affect movement.	★★
U9 L2-7 – Electricity, Friction & Forces	3.1 L9-12 – Magnetic Forces	Explore magnetic forces that push or pull without objects touching.	★★★
U9 L8-9 – Motion, Vibration & Pulleys	3.1 L5-8 – Balance, Force & Movement	Connect mechanisms and motion to investigations of forces and moving objects.	★★
U9 L11-13 – Magnetism & Static Electricity	3.1 L9-12 – Magnets & Forces at a Distance	Compare invisible forces and investigate magnetic attraction and repulsion.	★★★
U9 L14-17 – Invisible Forces	3.1 L9-14 – Magnetic Forces & Engineering	Apply ideas about invisible forces to explain motion and solve design problems.	★★★