

Kindergarten ELA/Science Integration

ELA Lessons	OpenSciEd Lesson	Connection	Connection (1 weak to 3 strong)
U3 L1-3 : Weather, Sky, Clouds & Rain	K.2 L1-4 : Observing & Measuring Weather	Observe and describe weather conditions, including clouds, sunshine, rain, and other changes outdoors.	★★★
U3 L4-5 : Rainbows	K.2 L2-3 : Weather Observations & Sunshine	Extend observations of weather and the sky through discussion of sunlight and visible weather conditions.	★
U3 L6-8 : Temperature, Wind, Storms, Ice & Snow	K.2 L2-5 : Temperature, Sunshine & Precipitation	Connect weather vocabulary to direct observations and measurements of changing weather conditions.	★★★
U3 L6-8 : Temperature, Wind, Storms, Ice & Snow	K.2 L8-9 : Severe Weather & Safety	Explore when weather becomes hazardous and how people can prepare for unsafe conditions.	★★★
U3 L9-10 : Comparing Clouds	K.2 L2-3 : Observing Sky Conditions	Use observations to notice and compare different sky and cloud conditions.	★★★
U3 L11-12 : Tracking Weather & Making Plans	K.2 L3-7 : Weather Data & Preparing for Conditions	Use observations and weather information to decide how people can prepare for the day.	★★★
U3 L13-14 : Dressing for Different Weather	K.2 L3-7 : Weather Conditions & Preparation	Apply evidence about weather conditions to choices people make about clothing and activities.	★★★
U5 L11-14 : Community Helpers & Solving Problems	K.1 L6-10 : Designing Solutions for Hot Surfaces	Connect community problem-solving with designing and improving solutions that make outdoor spaces safer or more comfortable.	★★
U7 L1-3 : Motion, Pushes, Pulls & Speed	K.3 L1-4 : Moving Objects with Pushes & Pulls	Direct connection between how pushes and pulls cause objects to move and change their motion.	★★★
U7 L4-5 : Amusement Parks & Motion	K.3 L2-5 : Pushes, Pulls & Changing Motion	Apply ideas about motion to familiar moving objects and experiences.	★★★
U7 L6-10 : Forces, Direction & Distance	K.3 L3-7 : Strength & Direction of Pushes and Pulls	Investigate how different pushes and pulls affect how far and in what direction objects move.	★★★
U7 L11-14 : Tools & Simple Machines	K.3 L6-10 : Designing Ways to Move Objects	Connect tools and machines to engineering solutions that help people move objects where they want them to go.	★★
U8 L6-10 : Art Materials, Reuse & Art from the Earth	K.1 L6-10 : Materials & Engineering Design	Compare how people select and reuse materials for different purposes when creating art or designing solutions.	★★
U10 L1-5 : Living Things, Animal Needs & Food	K.4 L1-4 : Animals & What They Need	Explore what makes something living and what animals need to survive.	★★★
U10 L6-10 : Wild Animals, Communication & Animal Babies	K.4 L3-7 : Animal Survival & Relationships	Connect animal behaviors and characteristics with ways animals meet their needs and survive.	★★★
U10 L11-14 : Animal Locations & Movement	K.4 L5-8 : Animals & Their Environments	Explore why animals live in particular places and how environments provide what they need.	★★★
U12 L1-5 : Observing Plants & Plant Parts	K.4 L8-10 : Plants as Living Things	Observe plants as living things and identify characteristics that help us describe and compare them.	★★★
U12 L6-10 : What Plants Need to Grow	K.4 L8-12 : Plant Needs & Environments	Directly connect soil, water, sunlight, and other conditions to what plants need to live and grow.	★★★
U12 L11-14 : How Plants Help Animals	K.4 L10-13 : Plants, Animals & Their Environments	Explore ways animals depend on plants and other parts of their environment to meet their needs.	★★★