

WLS Grade 4 I CAN Science Statements

Quarter 1	Quarter 2
<ul style="list-style-type: none"> • I can recognize common landforms • I can recognize common landforms and their characteristics • I can sketch common landforms • I can define content vocabulary • I can compare and contrast the features of various landforms • I can determine the cause and effect of weathering and erosion • I can create a 3D model of a landform with accurate features • I can predict the creation of a given landform • I can define weathering • I can explain processes that cause weathering • I can demonstrate the weathering process • I can investigate the causes of weathering (effect) on a natural feature • I can create an example to show weathering • I can support my findings using observations/evidence and knowledge of weathering 	<ul style="list-style-type: none"> • I can define erosion and deposition • I can explain processes that cause erosion and deposition • I can demonstrate erosion and deposition • I can investigate the causes of erosion and deposition(effect) on a natural feature • I can create an example to show erosion and deposition • I can support my findings using observations, evidence and knowledge of erosion and deposition • I can conduct an investigation to determine if removing or adding plants to an area increases or decreases erosion • I can define content vocabulary (matter, properties, liquid, solid, gas, mass, mixture, dissolve, evidence, conserved, volume, substance) • I can select appropriate tools to complete experiments (scale, graduated cylinder, balance, beakers) • I can select the appropriate unit of measurement (grams, liters, meters) • I can observe matter being conserved as it undergoes a change • I can describe examples of the properties of matter • I can describe examples of the three main states of matter
Quarter 3	Quarter 4
<ul style="list-style-type: none"> • I can predict the mass of an object when changing its state • I can design an experiment to show matter being conserved as it undergoes a change • I can define content vocabulary (thermal, conductor, electricity, heat, current, circuit and partial) • I can recognize energy being transferred from one location to another • I can draw the flow of energy transfer • I can design and construct a switch that can turn a light on and off in a circuit • I can compare and contrast circuits that do (and do not) light the bulb • I can predict whether a circuit will be effective • I can solve problems involving measurement and conversion of measurements. (Math 4MD1) • I can represent and Interpret data. (Math 4MD4) 	<ul style="list-style-type: none"> • I can identify content vocabulary (abiotic, biotic, ecosystem, impact, evidence) • I can recognize changes in an environment and the species that live there • I can describe major changes in Ohio’s environment over time • I can determine the cause and effect of environmental changes and its effect of the ecosystem • I can find proof that organisms existed by looking at fossils (plants and animals) • I can infer the environmental conditions that existed when fossils formed • I can create a model of a fossil (cast, mold) • I can compare fossils and organisms that exist today • I can test multiple ways that fossils leave evidence • I can support my findings using observations/evidence and knowledge of fossils