Grade 5 Content Connections between 2021 and 2014

The purpose of this document is to assist teachers with identifying the content connections between the South Carolina College-and Career-Ready 2021 Science Standards and the 2014 Science Standards and Performance Indicators (PI). **These content connections may not be direct or match in breadth/depth between the two sets of standards.** For the 2022–2023 school year, students will be assessed on the 2014 Science Standards.

2021 Performance Expectation	**2014 PI**
5-PS1-1. Develop a model to describe that matter is made of particles too small to be seen.	5.P.2A.1
5-PS1-2. Measure and graph quantities to provide evidence that regardless of the type of change that occurs when heating, cooling, or mixing substances, the total weight of matter is conserved.	5.P.2B.2 7.P.2B.5
5-PS1-3. Make observations and measurements to identify materials based on their properties.	5.P.2A.1 5.P.2B.3
5-PS1-4. Conduct an investigation to determine whether the mixing of two or more substances results in new substances.	Nothing Direct
5-PS2-1. Support an argument that the gravitational force exerted by Earth on objects is directed down.	Nothing Direct
5-PS3-1. Use models to describe that energy in animals' food (used for body repair, growth, motion, and to maintain body warmth) was once energy from the sun.	6.L.5B.2
5-LS1-1. Support an argument with evidence that plants obtain materials they need for growth mainly from air and water.	1.L.5B.1
5-LS2-1. Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment.	5.L.4B.2 7.EC.5B.2
5-ESS1-1. Support an argument with evidence that the apparent brightness of the sun compared to other stars is due to their relative distances from Earth.	4.E.3A.2 8.E.4A.1
5-ESS1-2. Represent data in graphical displays to reveal patterns of daily changes in length and direction of shadows, day and night, and the seasonal appearance of some stars in the night sky.	1.P.2A.3 4.E.3A.2 4.E.3B.2 4.E.3B.3 4.E.3B.4 8.E.4B.3

5-ESS2-1. Develop a model using an example to describe ways the geosphere, biosphere, hydrosphere, and/or atmosphere interact.

K.E.3A.1
K.E.3A.3
K.E.3A.4
2.E.2A.4
2.E.2A.1
2.L.5B.4
3.E.4A.1
3.E.4B.2
3.E.4B.3
3.E.4B.4
4.E.2A.1
4.E.2A.2
4.E.2B.1
4.E.2B.2
4.E.2B.3
5.E.3B.1
5.E.3B.2
5.E.3B.4
5.L.4A.1
6.E.2A.1
6.E.2A.2
6.E.2A.3
6.E.2B.1
6.E.2B.2
6.E.2B.3
6.E.2B.4
6.L.5B.2
7.EC.5A.3
7.EC.5B.4
8.E.5A.1
8.E.5A.2
8.E.5A.3
8.E.5B.1
8.E.5B.3
8.E.5C.1

2021 Performance Expectation	2014 PI
5-ESS2-2. Describe and graph the amounts of saltwater and fresh water in various reservoirs to provide evidence about the distribution of water on Earth.	Nothing Direct
5-ESS3-1. Evaluate potential solutions to problems that individual communities face in protecting the Earth's resources and environment.	1.E.4B.2 3.E.4A.3