

A Correlation of

Interactive Science Kindergarten, ©2016



To the

2015 Alabama Course of Study Science, Kindergarten

**A Correlation of Interactive Science, ©2016
to the
2015 Alabama Course of Study, Science, Grade Kindergarten**

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GRADE K	
Motion and Stability: Forces and Interactions	
1. Investigate the resulting motion of objects when forces of different strengths and directions act upon them (e.g., object being pushed, object being pulled, two objects colliding).	SE Only: 1, 4, 4-13, 15, Activity 15, 16, 17, Activity 17, 18, Activity 18 TE Only: 4 (Reading), 9, 12-13, 14-15, 18-19, 20-21, 22-23, 24, 26, 27, 28-29, 31 (Chapter Test #6), 33a
2. Use observations and data from investigations to determine if a design solution (e.g., designing a ramp to increase the speed of an object in order to move a stationary object) solves the problem of using force to change the speed or direction of an object.*	SE Only: 4-13 TE Only: 12-15, 33b
Ecosystems: Interactions, Energy, and Dynamics	
3. Distinguish between living and nonliving things and verify what living things need to survive (e.g., animals needing food, water, and air; plants needing nutrients, water, sunlight, and air).	SE Only: 20, Activity 20, 21, Activity 21, 33, Activity 33, 34, Activity 34, 35, Activity 35, 36, Activity 36, 37, Activity 37, 38, Activity 38 TE Only: 36-37, 40-41, 42, 48-49, 50-51, 52-53, 54-55, 56-57, 58-59, 61, 62-63, 66-67, 69, 71a, 71c
4. Gather evidence to support how plants and animals provide for their needs by altering their environment (e.g. tree roots breaking a sidewalk to provide space, red fox burrowing to create a den to raise young, humans growing gardens for food and building roads for transportation).	SE Only: 38, 39 TE Only: 58-59, 60, 64-65, 71b
5. Construct a model of a natural habitat (e.g., terrarium, ant farm, diorama) conducive to meeting the needs of plants and animals native to Alabama.	SE Only: 39 TE Only: 60, 64-65, 69, 71c

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6. Identify and plan possible solutions (e.g. reducing, reusing, recycling) to lessen the human impact on the local environment. *	SE Only: 59, Activity 59 TE Only: 96-97, 100, 104 (Chapter Test #2), 109e, 148 (Social Studies)
Earth's Systems	
7. Observe and describe the effects of sunlight on Earth's surface (e.g., heat from the sun causing evaporation of water or increased temperature of soil, rocks, sand, and water).	SE Only: 56, Activity 56, 60, Activity 60 TE Only: 90-91, 98, 100, 102-103, 109c
8. Design and construct a device (e.g., hat, canopy, umbrella, tent) to reduce the effects of sunlight. *	SE Only: 44-53 TE Only: 82-85, 109d
9. Observe, record, and share findings of local weather patterns over a period of time (e.g., increase in daily temperature from morning to afternoon, typical rain and storm patterns from season to season).	SE Only: 42, Activity 42 TE Only: 75 (Writing), 80, 100, 107-108, 109a
Earth and Human Activity	
10. Ask questions to obtain information about the purpose of weather forecasts in planning for, preparing for, and responding to severe weather. *	SE Only: 61, Activity 61 TE Only: 99, 101, 109b