

Reading Essentials in Science Correlated to Kansas Science Standards Grade K

KS.1.	Science as Inquiry: The student will experience science as full inquiry. In the elementary grades, students begin to develop the physical and intellectual abilities of scientific inquiry.	
1.1.	The student will be involved in activities that develop skills necessary to conduct scientific inquiries.	
1.1.1.	The student identifies properties of objects.	Movement; Emergent B Titles Teaching and Assessment Resource (TAR) pp. 44-46. (Book: 24825 TAR: 75876) Nature's Colors; Emergent B Teaching and Assessment Resource (TAR) pp. 14-16. (Book: 24822 TAR: 75876) Soft to the Touch; Emergent B Titles Teaching and Assessment Resource (TAR) pp. 47-49. (Book: 24826 TAR: 75876) Sorting; Emergent B Titles Teaching and Assessment Resource (TAR) pp. 64,5,66. (Book: 24828 TAR: 75876) Water; Emergent A Teaching and Assessment Resource (TAR) pp. 47-49. (Book: 24157 TAR: 79991) What Is Made of Wood? Emergent A Teaching and Assessment Resource (TAR) pp. 44-46. (Book: 24156 TAR: 79991)
1.1.2.	The student classifies and arranges groups of objects by a variety of properties, one property at a time.	Movement; Emergent B Titles Teaching and Assessment Resource (TAR) pp. 44-46. (Book: 24825 TAR: 75876) Nature's Colors; Emergent B Teaching and Assessment Resource (TAR) pp. 14-16. (Book: 24822 TAR: 75876) Soft to the Touch; Emergent B Titles Teaching and Assessment Resource (TAR) pp. 47-49. (Book: 24826 TAR: 75876) Sorting; Emergent B Titles Teaching and Assessment Resource (TAR) pp. 64,5,66. (Book: 24828 TAR: 75876) Water; Emergent A Teaching and Assessment Resource (TAR) pp. 47-49. (Book: 24157 TAR: 79991) What Is Made of Wood? Emergent A Teaching and Assessment Resource (TAR) pp. 44-46. (Book: 24156 TAR: 79991)
1.1.3.	The student uses appropriate materials, tools, and safety procedures to collect information.	Interpreting Data; Emergent B Titles Teaching and Assessment Resource (TAR) pp. 67-69. (Book: 24829 TAR: 75876) What Will You Use?; Emergent B Titles Teaching and Assessment Resource (TAR) pp. 70-72. (Book: 24830 TAR: 75876)
1.1.4.	The student asks and answers questions about objects, organisms, and events in his/her environment.	Interpreting Data; Emergent B Titles Teaching and Assessment Resource (TAR) pp. 67-69. (Book: 24829 TAR: 75876)
KS.2.	Physical Science: The student will explore the world by observing and manipulating common objects and materials in their environment.	
2.1.	The student will develop skills to describe objects.	
2.1.1.	The student observes properties of objects and measures or describes those properties using age-appropriate tools and materials.	What Is Made of Wood? Emergent A Teaching and Assessment Resource (TAR) pp. 44-46. (Book: 24156 TAR: 79991)
2.1.2.	The student separates or sorts a group of objects or materials by properties.	Hot and Cold; Emergent A Teaching and Assessment Resource (TAR) pp. 50-52. (Book: 24158 TAR: 79991)

Reading Essentials in Science Correlated to Kansas Science Standards Grade K

KS.3.	Life Science: The student will begin to develop an understanding of biological concepts.	
3.1.	The student will develop an understanding of the characteristics of living things.	
3.1.1.	The student discusses that organisms live only in environments in which their needs can be met.	How Many Do You See?; Emergent B Titles Teaching and Assessment Resource (TAR) pp. 34-36. (Book: 24834 TAR: 75876) Nature's Colors; Emergent B Teaching and Assessment Resource (TAR) pp. 14-16. (Book: 24822 TAR: 75876)
3.1.2.	The student observes life cycles of different living things.	Animals and Their Babies; Emergent B Titles Teaching and Assessment Resource (TAR) pp. 27-29. (Book: 24820 TAR: 75876) Nature's Colors; Emergent B Teaching and Assessment Resource (TAR) pp. 14-16. (Book: 24822 TAR: 75876) Which One Doesn't Belong?; Emergent A Titles Teaching and Resource Assessment (TAR) pp. 40-42. (Book: 24167 TAR: 79991)
3.1.3.	The student observes living things in various environments.	How Many Do You See?; Emergent B Titles Teaching and Assessment Resource (TAR) pp. 34-36. (Book: 24834 TAR: 75876)
3.1.4.	The student examines the structures/parts of living things.	One Plant, Many Parts; Emergent B Titles Teaching and Assessment Resource (TAR) pp. 30-32. (Book: 24821 TAR: 75876) Shapes in Nature; Emergent B Titles Teaching and Assessment Resource (TAR) pp. 37-39. (Book: 24835 TAR: 75876) This Is Me; Emergent A Titles Teaching and Resource Assessment (TAR) pp. 27-29. (Book: 24151 TAR: 79991)
KS.4.	Earth and Space Science: The student will observe closely the objects and materials in their environment.	
4.2.	The student will observe and compare objects in the sky.	
4.2.1.	The student observes and recognizes the sun, moon, stars, clouds, birds, airplanes, and other objects in the sky.	Day Sky; Emergent B Teaching and Assessment Resource (TAR) pp. 17-19. (Book: 24823 TAR: 75876) Night Sky; Emergent A Teaching and Assessment Resource (TAR) pp. 16-18. (Book: 24154 TAR: 79991)
4.3.	The student will describe changes in weather.	
4.3.1.	The student observes changes in the weather from day to day.	Four Seasons; Emergent A Teaching and Assessment Resource (TAR) pp. 19-21. (Book: 24155 TAR: 79991) Weather Changes; Emergent A Teaching and Assessment Resource (TAR) pp. 14-15. (Book: 24153 TAR: 79991)
4.3.2.	The student records weather changes daily.	Four Seasons; Emergent A Teaching and Assessment Resource (TAR) pp. 19-21. (Book: 24155 TAR: 79991) Weather Changes; Emergent A Teaching and Assessment Resource (TAR) pp. 14-15. (Book: 24153 TAR: 79991)
KS.5.	Science and Technology: The student will have a variety of educational experiences that involve science and technology.	
5.1.	The student will use technology to learn about the world around them.	
5.1.1.	The student explores the way things work.	Building a Birdhouse; Emergent A Titles Teaching and Assessment Resource (TAR) pp. 67-69. (Book: 24160 TAR: 79991) Interpreting Data; Emergent B Titles Teaching and Assessment Resource (TAR) pp. 67-69. (Book: 24829 TAR: 75876) Is This Too Much?; Emergent A Titles Teaching and Assessment Resource (TAR) pp. 64,5,66. (Book: 24159 TAR: 79991) Sorting; Emergent B Titles Teaching and Assessment Resource (TAR) pp. 64,5,66. (Book: 24828 TAR: 75876) What Will You Use?; Emergent B Titles Teaching and Assessment Resource (TAR) pp. 70-72. (Book: 24830 TAR: 75876)

Reading Essentials in Science Correlated to Kansas Science Standards Grade K

KS.6.	Science in Personal and Environmental Perspectives: The student will have a variety of experiences that provide understanding for various science-related personal and environmental challenges.	
6.1.	The student will demonstrate responsibility for their own health.	
6.1.1.	The student engages in personal care.	How to Be Healthy; Emergent A Titles Teaching and Resource Assessment (TAR) pp. 30-32. (Book: 24152 TAR: 79991)
6.1.2.	The student discusses the types and benefit of healthy foods on the food pyramid.	How to Be Healthy; Emergent A Titles Teaching and Resource Assessment (TAR) pp. 30-32. (Book: 24152 TAR: 79991)
KS.7.	History and Nature of Science: The student will experience scientific inquiry and learn about people from history.	
7.1.	The student will know they practice science.	
7.1.1.	The student will experience explorations which provide knowledge of the scientific process.	Building a Birdhouse; Emergent A Titles Teaching and Assessment Resource (TAR) pp. 67-69. (Book: 24160 TAR: 79991) Interpreting Data; Emergent B Titles Teaching and Assessment Resource (TAR) pp. 67-69. (Book: 24829 TAR: 75876) Is This Too Much?; Emergent A Titles Teaching and Assessment Resource (TAR) pp. 64,5,66. (Book: 24159 TAR: 79991) Sorting; Emergent B Titles Teaching and Assessment Resource (TAR) pp. 64,5,66. (Book: 24828 TAR: 75876) What Will You Use?; Emergent B Titles Teaching and Assessment Resource (TAR) pp. 70-72. (Book: 24830 TAR: 75876)