Science – Grade Five
District 2853

Month	Content	Performance Standards Addressed	Skills for Student Achievement	Assessment
8-9 Weeks	· Body Systems (digestive, respiratory, circulatory, nervous, muscular and skeletal)	B, C 1, G 2, G 3, H 1, I	· Describe the function of each system · Know how to keep each system healthy · Know the structures of each system · Name the organs of each system · Discuss cell to organism make up for human body systems	· Complete body system sheet for each system: Digestive, Respiratory, Circulatory, Nervous, Skeletal · Muscular conference with each child on respiratory, digestive, & circulatory
4-5 Weeks	· Sound	C 3, E, F 1, G 1, H B, D, I	· Understand how sound is produced · Describe the properties of sound · Describe how sound travels · Understand how the ear functions with regards to sound · Tell the difference in sound pollution	· Paper, pencil test on terms · Performance Assessment: Construct homemade instrument and explain how properties of sound apply to their instrument
3-4 Weeks	· Light	B, E, F 3, G 2	· Understand the sources of light · Understands behavior of light · Know how the eye works with light · Explore the bands of color (spectrum) · Know vocabulary regarding light	· Paper and pencil test
3-4 Weeks	· Earth Structure	C 2, D, F 3, H	· Describing the layers of the earth · Compare and contrast the different layers of the earth · Explain the evidence that shows continual movement · Explain and describe the effects of weathering, erosion and deposition on earth's surface · Understand effects of volcanoes and earth quakes and how they all occur	· Draw a diagram of layers of earth · Test · Writing paragraphs of effects of weathering · Journal entries
2 weeks	· Science and Technology	Inquiry Standard	· Understand how scientists structure experiments · Explore design changes and their effects on the overall experiment · Understand the definition of	· Mini experiment following scientific method with partners · Science Fair project

			constant and variable	
8 weeks	· Animal Classification	A 2, C 1, D, F 2, G 2, G 3, H, I	· Understand characteristics of animal groups · Understand life cycle of animals · Classifying animals according to characteristics · Compare and contrasts invertebrates and vertebrates · Investigating migratory patterns of animals · Observing changes in the growth of animals · Review adaptation of animals to environment	· Venn Diagram · Diagram of Life Cycle · Chart of Characteristics · Individual Project
6 weeks	· Environmental Science (Integrated in other units) · Earth Science (Land and Water)	C 2, D, F 3, H, I	· Understanding the water cycle · Know the role H2O has on shaping the land · Investigate the properties and components of soil · Discuss the flow of H2O and its effects on erosion and deposition · Realize human affects on erosion and deposition	· Story including all parts of water cycle · Journaling on stream table investigations · Poster about effects of erosion and prevention