

Fourth Six Weeks

Living Systems and the Environment (Obj. 2)

TEKS #	Knowledge and Skill TEK	Student Expectation	Vocabulary	Tools	Instructional/Assessment Resources
7.10AB	(7.10) <b>Science concepts.</b> The student knows that species can change through generations and that the instructions for traits are contained in the genetic material of the organisms.	(A) <b>identify</b> that sexual reproduction results in more diverse offspring and asexual reproduction results in more uniform offspring; (B) <b>compare</b> traits of organisms of different species that enhance their survival and reproduction; and	Aerobe Anaerobe Endospore Antibiotics Pathogen Vaccine Pasteurization		1. Microscope 2. Lab activity 3. Microscope test 4. Classification 5. chp 7 overview 6. vocab foldable 7. Quiz-vocab, sect 1 8. Chp 7 sec 1 discussion and notes
7.12ABC	(7.12) <b>Science concepts.</b> The student knows that there is a relationship between organisms and the environment.	(A) <b>identify</b> components of an ecosystem; (B) <b>observe</b> and describe how organisms including producers, consumers, and decomposers live together in an environment and use existing resources; (C) <b>describe</b> how different environment support different varieties of organisms; and	Saprophyte Protist Protozoan Psuedopods Algae Hyphae Lichen Mycorrihizae		9. Section assesment 10. VOcab quiz 11. chp7 sec 2 discussion and notes 12. section assessment 13. classification activity 14. vocab quiz 15. section assessment 16. chp 7 sec 2 worksheet 17. notetaking worksheet 18. Complete chp 7 and begin study guide- due in class . 19. study guide 20. test-computrized 21. chapter 8 foldable 22. discuss chp 8sec1 Chp 8 sec 2 discussion 24. begin chp 3 25. complete chp 8 sec 3 earthworm labeling activity. 26. prepare for earth worm dissection 27. Earth worm dissection 28. chp 8 sec 4 activity

					29. study guide and review. 30. computerized test 31. test 32. chapter 9 vocab foldable
	Structure and Properties of Matter (obj. 3)				33. Discuss chpt sect1 34. chapter 9 sec 1,2,3 discuss
TEKS #	Knowledge and Skill TEK	Student Expectation	Vocabulary	Tools	Instructional Resources
					35. chp9sec2 36. chp9sec3 37. prep for frog. 38. computer frog power point 39. frog dissection 40. test-comp 41. comp lab exam 42. chp9sec3 birds 43. study guide complete and give in class. 44. comp test 45. chp10,1,2,3 46. notes work sheet.

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Structure an of Properties of Matter (Obj. 3)					
TEKS #	Knowledge and Skill TEK	Student Expectation	Vocabulary	Tools	Instructional/Assessment Resources

(7.7) ABC	<b>7.7Science concepts.</b> The student knows that substances have physical and chemical properties.	(A) <b>identify and demonstrate</b> everyday examples of chemical phenomena such as rusting and tarnishing of metals and burning of wood;	Atoms Protons Neutrons Electrons Electronic Shell Mixture Solution Compound Physical Properties Chemical Properties Chemical Change Physical Change Periodic Table Metals Nonmetals Procedures Matter		1. Discuss chapter 3sec 1 2. Atom activity 3. CHpter 3 sec 2 and notes 4. Class discuss periodic table 5. Section 3 demo 6. Foldable chp 3 7. mixture and compound activity 8. chp4sect1 notes and class discuss 9. student notes n foldable 10. prep for comparison activity pg111 in book 11. activity pg 111 12. chp 4 sec 2 notes and class discuss 13. demo of physical and chemical change 14. chp4sec 3 class discuss and notes 15. prep for activity 16. periodic project due 17. chem. Vs phys change 18. complete and grade study guide in class 19. test over chpt 3 and 4-computerized 20. lab exam-computerized 21.
7.3C		(B) <b>describe</b> physical properties of elements and identify how they are used to position an element on the periodic table; and			
7.4A	<b>(7.3) Scientific processes.</b> The student uses critical thinking and scientific problem solving to make informed decisions.	(C) <b>Recognize</b> that compounds are composed of elements.			
7.4B		(C) <b>Represent</b> the natural world using models and identify their limitations.			
7.7 B	<b>(7.4) Scientific processes.</b> The student knows how to use tools and methods to conduct science inquiry.	(E) <b>Connect</b> Grade 7 science concepts with the history of science and contributions of scientists.			
7.7ABC		(A) <b>collect, analyze, and record</b> information to explain a phenomenon using tools including beakers, Petri dishes, meter sticks, graduated cylinders, weather instruments, hot plates, dissecting equipment, test tubes, safety goggles, spring scales, balances, microscopes, telescopes, thermometers, calculators, field equipment, computers, computer probes, timing devices, magnets and compasses.			
7.4A	<b>7.7Science concepts.</b> The student knows that substances have physical and chemical properties.				
	<b>7.7Science concepts.</b> The student knows that substances have physical and chemical properties.				

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Structure and Properties of Matter (91.3)	(7.4) <b>Scientific processes.</b> The student knows how to use tools and methods to conduct science inquiry.	(B) <b>Collect and analyze information</b> to recognize patterns such as rates of change.				
		<p>(A) <b>identify and demonstrate</b> everyday examples of chemical phenomena such as rusting and tarnishing of metals and burning of wood;</p> <p>(B) <b>Describe</b> physical properties of elements and identify how they are used to position an element on the periodic table.</p> <p>(C) <b>Recognize</b> that compounds are composed of elements.</p> <p>(A) <b>identify and demonstrate</b> everyday examples of chemical phenomena such as rusting and tarnishing of metals and burning of wood;</p>				

TEKS #	Knowledge and Skill TEK	Student Expectation	Vocabulary	Tools	Instructional/Assessment Resources
7.2ABDE	<b>(7.2) Scientific processes.</b> The student uses scientific inquiry methods during field and laboratory investigations.	(A) <b>plan and implement investigative procedures</b> including asking questions, formulating testable hypotheses, and selecting and using equipment and technology; (B) <b>collect data</b> by observing and measuring; (D) <b>communicate valid conclusions</b> ; (E) <b>Construct graphs, tables, maps, and charts</b> using tools including computers to organize, examine and evaluate information.			