



## BIOLOGY

SCOPE	TEKS(S)	SUGGESTED PACING
<b>Biomolecules</b>	B.5(A) B.11(B)	8
<b>Prokaryotic and Eukaryotic Cells</b>	B.5(B)	7
<b>Homeostasis</b>	B.5(C)	7
<b>Diseases</b>	B.5(D) B.6(C)	8
<b>Cell Cycle and Specialization</b>	B.6(A) B.6(B)	8
<b>Cellular Respiration and Photosynthesis</b>	B.11(A)	7
<b>Interactions in Body Systems</b>	B.12(A)	7
<b>Plant Structures</b>	B.12(B)	7
<b>DNA</b>	B.7(A)	8
<b>Gene Expression</b>	B.7(B) B.7(C)	7
<b>DNA Technology</b>	B.7(D)	7
<b>Meiosis and Reproduction</b>	B.8(A)	7
<b>Genetics and Inheritance</b>	B.8(B)	7
<b>Evidence for Evolution</b>	B.9(A) B.9(B)	8
<b>Mechanisms of Natural Selection</b>	B.10(A) B.10(B)	7
<b>Results of Evolution</b>	B.10(C) B.10(D)	8
<b>Ecological Relationships</b>	B.13(A) B.13(B)	8
<b>Carbon and Nitrogen Cycles</b>	B.13(C)	7
<b>Changing Biodiversity</b>	B.13(D)	7

## IPC

SCOPE	TEKS(S)	SUGGESTED PACING
<b>Graphing and Analyzing Motion</b>	IPC.5(A) IPC.5(B)	7
<b>Momentum in Collisions</b>	IPC.5(C)	8
<b>The Four Fundamental Forces</b>	IPC.5(D)	7
<b>Gravity and Electromagnetism</b>	IPC.5(E)	7
<b>Series and Parallel Circuits</b>	IPC.6(A)	7
<b>Generating Electricity</b>	IPC.6(B)	7
<b>Conservation of Energy</b>	IPC.6(C) IPC.6(D)	7
<b>Transferring Energy and Information</b>	IPC.6(E) IPC.6(F)	8
<b>Renewable Energy</b>	IPC.6(G)	7
<b>Elements and the Periodic Table</b>	IPC.7(A) IPC.7(B)	7
<b>Using Properties of Substances</b>	IPC.7(C)	7
<b>Atomic Emission Spectra</b>	IPC.7(D) IPC.7(E)	7
<b>Investigating Reaction and Solution Rates</b>	IPC.7(F)	7
<b>Changes in Chemical Reactions</b>	IPC.8(A)	7
<b>Balancing Reactions</b>	IPC.8(B)	7
<b>Nuclear Reactions</b>	IPC.8(C)	7
<b>Chemistry's Impact on the Environment</b>	IPC.8(D)	8

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## CHEMISTRY

SCOPE	TEKS(S)	SUGGESTED PACING
The Periodic Table	C.5(A) C.5(B)	7
Trends of the Periodic Table	C.5(C)	7
Atomic Models	C.6(A) C.6(B)	7
Light and the Atomic Emission Spectra	C.6(C)	7
Average Atomic Mass	C.6(D)	7
Models of Electron Configuration	C.6(E)	7
Different Types of Bonds	C.7(A) C.7(D)	7
Naming Molecules	C.7(B)	7
VSEPR Shapes	C.7(C)	7
The Mole	C.8(A) C.8(B)	7
Empirical Formulas and Percent Composition	C.8(C) C.8(D)	7
Balancing Equations	C.9(A) C.9(B)	7
Stoichiometry	C.9(C) C.9(D)	7
The Gas Laws	C.10(A) C.10(B) C.10(C)	8
Types of Solutions	C.11(A) C.11(B)	7
Solubility and Reactions	C.11(C) C.11(D)	8
Molarity	C.11(E) C.11(F)	8
Defining Acids and Bases	C.12(A) C.12(B)	7
pH of Strong and Weak Acids	C.12(C) C.12(E)	7
Acid-Base Products	C.12(D)	7
Thermodynamics and Reactions	C.13(A) C.13(C)	8
Calorimetry	C.13(B) C.13(D)	7
Nuclear Chemistry	C.14(A) C.14(B)	7
Nuclear Technology	C.14(C)	7

## PHYSICS

SCOPE	TEKS(S)	SUGGESTED PACING
Graphing Motion	P.5(A) P.5(B)	8
Motion Equations	P.5(C)	7
Projectile Motion	P.5(D)	8
Newton's Three Laws	P.5(E) P.5(F) P.5(G)	9
Universal Gravitation	P.5(H)	7
Coulomb's Law	P.6(A)	7
Real-World Electromagnetism	P.6(B)	7
Conservation of Charge	P.6(C)	7
Electric Circuits	P.6(D) P.6(E)	8
Work and Power	P.7(A)	7
Energy of a System	P.7(B) P.7(C)	8
Impulse and Momentum	P.7(D) P.7(E)	8
Simple Harmonic Motion	P.8(A)	7
Characteristics of Waves	P.8(B) P.8(C)	7
Behavior of Waves	P.8(D)	7
Image Formation	P.8(G)	7
Electromagnetic Spectrum	P.8(E)	7
Photoelectric Effect	P.8(F) P.9(A)	8
Malus's Law	P.9(B)	7
Applications of Quantum Physics	P.9(C) P.9(D)	8

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