



Grading Period	First Grading Period	Second Grading Period	Third Grading Period	Fourth Grading Period	Fifth Grading Period	Sixth Grading Period
Calendar Dates	Aug. 28 – Oct. 6 (29 days)	Oct.10 – Nov. 10 (24 days)	Nov. 13 – Dec. 15 (20 days)	Jan. 3 – Feb. 16 (32 days)	Feb. 20 - April 13 (33 days)	April 16 – May 31 (33 days)
TEKS	1A, 1B, 2A, 2B, 2C, 2D, 2E, 3A, 3B, 6A, 6B, 6C, 6D, 7A	1A, 1B, 2B, 2C, 2D, 2E, 3A, 3B, 3D, 3E, 3F, 6D, 6E, 7E	1A, 1B, 2A, 2B, 2C, 2D, 2E, 3A, 3B, 3C, 3D, 3E, 3F, 4A, 4B, 6E, 7B, 7C, 7D, 7F	1A, 2B, 2C, 2D, 2E, 3A, 3B, 3C, 3E, 3F, 4C, 4D, 4E, 4F, 7B, 7C, 7D, 7E	1A, 2B, 2C, 2D, 2E, 3A, 3B, 3C, 3D, 3E, 3F, 5C, 5D, 5E, 5F, 5G	1A, 1B, 2A, 2C, 2D, 2E, 2E, 3A, 3B, 3C, 3D, 3E, 3F, 5C, 5F, 5H, 5I
Topic Focus	<p>Unit 01: Properties of Matter: Students analyze physical and chemical properties of elements and compounds and relate chemical properties to the arrangement of atoms and molecules.</p> <p>Unit 02: Elements and the Periodic Table: Students learn how the Periodic Table can be used to classify elements based on their properties in addition to predicting chemical bonding.</p>	<p>Unit 02: Elements and the Periodic Table: (Continued from previous 6-weeks.)</p> <p>Unit 03: Nuclear Reactions: Students will describe fission and fusion reactions in general terms as the splitting or joining of atomic nuclei.</p> <p>Unit 04: Solutions: Students relate the structure of water to its function as a solvent. They then investigate the properties of solutions and factors affecting gas and solid solubility, including nature of solute, temperature, pressure, pH, and concentration.</p>	<p>Unit 04: Solutions: (Continued from previous 6-weeks.)</p> <p>Unit 05: Chemical Reactions: Students demonstrate that mass is conserved when substances undergo chemical change and the number and kind of atoms are the same in the reactants and products. In addition, they recognize that valence electrons are responsible for the behavior and reactivity of elements, including types of bonding.</p> <p>Unit 06: Solutions: Students measure and graph distance and speed as a function of time using moving toys. They describe and calculate an object's motion in terms of position, displacement, speed, and acceleration.</p>	<p>Unit 07: Forces and Momentum: Students use various objects and scenarios to investigate how the application of net force affects an object's motion.</p> <p>Unit 08: Potential and Kinetic Energy: Students recognize and demonstrate that objects and substances in motion have kinetic energy. Additionally, they demonstrate common forms of potential energy.</p> <p>Unit 9: Thermal Energy: Students investigate and demonstrate the movement of thermal energy through solids, liquids, and gases by convection, conduction, and radiation, such as in weather, living, and mechanical systems.</p>	<p>Unit 9: Thermal Energy: (Continued from previous 6-weeks.)</p> <p>Unit 10: Waves: Students explore the characteristics and behaviors of energy transferred by waves including acoustic, seismic, light, and waves on water as they superpose on one another, bend around corners, reflect off surfaces, are absorbed by materials, and change direction when entering new materials.</p> <p>Unit 11: Electricity: Students demonstrate that moving electric charges produce magnetic forces and moving magnets produce electric forces.</p>	<p>Unit 11: Electricity: (Continued from previous 6-weeks.)</p> <p>Unit 12: Energy Resources: Students analyze energy conversions such as those from radiant, nuclear, and geothermal sources; fossil fuels such as coal, gas, oil; and the movement of water or wind.</p>



IPC Snapshot 2017-2018



District Assessment	CBA1		CBA 2 Semester Exam		CBA 3	Final Exams
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