

IPC Scope and Sequence 2019 – 2020

Date	Unit Name	Concepts	TEKS
August 26 -30	Introduction	Investigations* Processes* Safety* *included in every unit	1B, 2E, 2F, 2G, 2H, 3A, 3B, 3C, 3D, 3E, 3F 2A, 2B, 2C, 2D, 1A
September 3 – 17	Unit 1: Position, Speed, and Acceleration	Calculate Motion Calculate, graph speed	4A 4B 1A, 2A, 2B, 2C, 2D, 2E, 3A, 3B,
September 18 – October 3 <i>*Note – 1st six weeks ends October 3</i>	Unit 2: Forces and Momentum	Changes in motion Relationship between force, mass, acceleration Conservation of momentum Gravitational attraction Electrical forces	4C 4D 4E 4F 4G 1A, 2B, 2C, 2D, 2E, 3A, 3B, 3C, 3E, 3F,
October 7 – 18	Unit 3: Potential and Kinetic Energy	Kinetic Energy Potential Energy Law of conservation of energy	5A 5B 5D 1A, 2B, 2C, 2D, 2E, 3A, 3B,
October 21 – November 1	Unit 4: Thermal Energy	Law of conservation of energy Thermal energy	5D 5E 1A, 2B, 2C, 2D, 2E, 3A, 3B, 3C,
November 4 – 22 <i>*Note – 2nd six weeks ends November 7</i>	Unit 5: Waves	Characteristics of waves	5G 1A, 2B, 2C, 2D, 2E, 3A, 3B,
December 2 - 13	Unit 6: Electricity	Magnetic, electric forces Circuits	5C 5F 1A, 2B, 2C, 2D, 2E, 3A, 3B, 3D, 3E, 3F,
December 16 – 20 <i>*Note – 3rd six weeks ends December 20 End of 1st Semester</i>	Unit 7: Energy Resources	Energy transformations Impact of energy sources	5H 5I 1C, 2D, 2E, 3A, 3B, 3C, 3D, 3E, 3F,
January 8 – February 7	Unit 8: Properties of Matter	Physical properties of matter Chemical properties matter Analyze properties of matter Changes of states of matter	6A 6B 6C 7A 1A, 1B, 1C, 2A, 2B, 2C, 2D, 2E, 3A, 3B,

February 10 – March 17 <i>*Note – 4th six weeks ends February 13</i>	Unit 9: Elements in the Periodic Table	Periodic table	6D 1A, 1B, 1C, 2B, 2C, 2D, 2E, 3A, 3B
March 18 – 27	Unit 10: Nuclear Reactions	Nuclear reactions	7E 1A, 1B, 1C, 2E, 3A, 3B, 3D, 3E, 3F,
March 30 – April 24 <i>*Note – 5th six weeks ends April 3</i>	Unit 11: Solutions	Solvents, water Properties of water	6E 6F 1A, 1B, 1C, 2B, 2C, 2D, 2E, 3A, 3B,
April 27 – May 22	Unit 12: Chemical Reactions	Chemical reactions Chemical change and conservation Energy changes Chemical reaction end products	7B 7C 7D 7F 1A, 1B, 1C, 2B, 2C, 2D, 2E, 3A, 3B, 3C, 3D, 3E, 3F,
May 5 May 6 May 7 May 8	STAAR EOC State Testing	Algebra I Biology U.S. History	
May 25 – 28 <i>*Note – 6th six weeks ends May 28</i> <i>End of 2nd Semester</i>	Semester Exams		