



Franklin County School
Physical Science

Course Code: 2003310

The course aim is to build strong scientific literacy that students can carry into their future education and everyday lives.

Semester 1 Instructional Units & Standards Focus		Semester 2 Instructional Units & Standards	
Quarter 1	Quarter 2	Quarter 3	Quarter 4
The Nature of Science - Lab Procedures and Equipment - Sci Method - Metrics and Measurement - Graphing and Data Analysis Properties of Matter Atomic Structure - The Atom - The Periodic Table - Isotopes KMT	Chemical Bonding & Reactions - Chemical Bonding - Chemical Reactions - Nomenclature - Chemical Reactions - Energy Exchanges Nuclear Chemistry	Force & Motion - Speed - Velocity - Acceleration Forces	Forms of Energy - Waves - Heat & Temperature - Light & Sound - Electricity - Magnetism
SC.912.N.1.1 SC.912.N.1.2 SC.912.N.1.3 SC.912.N.1.4 SC.912.N.1.5 SC.912.N.1.6 SC.912.N.1.7 SC.912.N.2.1 SC.912.N.2.2 SC.912.P.12.10 SC.912.P.12.11	SC.912.L.18.7 SC.912.L.18.8 SC.912.L.18.12 SC.912.P.8.7 SC.912.P.8.5 SC.912.P.8.7 SC.912.P.8.8 SC.912.P.10.7	<u>SC.912.P.10.3</u> <u>SC.912.P.12.2:</u> <u>SC.912.P.12.3</u> <u>SC.912.P.12.4</u>	<u>SC.912.P.10.1</u> <u>SC.912.P.10.4</u> <u>SC.912.P.10.5</u> <u>SC.912.P.10.10</u> <u>SC.912.P.10.14</u>
SC.912.N.2.3 SC.912.N.2.4 SC.912.N.2.5 SC.912.N.3.1 SC.912.N.3.2 SC.912.N.3.3 SC.912.N.3.4 SC.912.N.3.5 SC.912.N.4.1 SC.912.N.4.2 SC.912.P.8.2:	SC.912.P.8.11 SC.912.P.10.12 SC.912.P.12.12 SC.912.P.8.4	<u>MA.K12.MTR.7.</u> <u>MA.K12.MTR.6.</u> <u>MA.K12.MTR.5.</u> <u>MA.K12.MTR.4.</u> <u>MA.K12.MTR.3.1</u>	<u>SC.912.P.10.15</u> <u>SC.912.P.10.18</u> <u>SC.912.P.10.21</u> <u>SC.912.P.12.7</u>