

## School Curriculum Prioritization and Mapping (Content Area and Grade)

Timeline	Topic	Priority	Standard	Learning Targets
6 weeks	Scientific Method and Data Analysis	E	<i>From KY Combined Curriculum Document:</i> AE 2.1, AE 2.2, AE 2.4, SC-H-I-U-6, SC-H-I-S-6, SC-H-I-U-7, SC-H-BC-S-7, SC-H-ET-U-12, SC-H-ET-U-13 <i>From Quality Core for Biology:</i> A1b, A1c, A1d, A1f, A2a, A2b, A2c, A3a, A3b, A3c, A3d, A3e, A3f, A3g, A3h <i>From NGSS:</i> MS.PS.FMa	
2 weeks	Formation and Foundations of Matter	I	<i>From KY Combined Curriculum Document:</i> SC-HS-1.1.3, SC-HS-2.3.2, SC-HS-2.3.3, SC-HS-2.3.4, SC-HS-2.3.5 <i>From NGSS:</i> MS.PS-CRa, MS.PS-CRb, MS.PS-CRb, MS.PS-CRc, MS.PS-CRd	
4 weeks	Basic Atomic Structure and Theory	E	<i>From KY Combined Curriculum Document:</i> SC-08-1.1.1, SC-08-1.1.2, SC-08-1.1.3, SC-HS-1.1.2 <i>From Quality Core for Biology:</i> A5a	
2 weeks	Periodic Table	E	<i>From KY Combined Curriculum Document:</i> SC-HS-1.1.1 <i>From the Quality Core for Biology:</i> A5b	
3 weeks	Bonding and Reactions	E	<i>From KY Combined Curriculum Document:</i> SC-HS-1.1.7, SC-HS-1.1.8, SC-HS-1.1.5 <i>From the Quality Core for Biology:</i> A5c, A5d, A5i <i>From the NGSS:</i> MS.PS-Ec, MS.PS-CRc	
4 weeks	<b>Biogeochemical Cycles</b>	E	<i>From KY Combined Curriculum Document:</i> SC-08-1.1.4, SC-HS-4.6.1 <i>From the Quality Core for Biology:</i> A5i, F1c, F1d, F1e <i>From NGSS:</i> MS.PS-CRd, MS.PS-CRa, MS.PS-CRb	
6 weeks	<b>Ecosystems</b>	E	<i>From KY Combined Curriculum Document:</i> SC-08-4.6.5, SC-08-4.7.1, SC-08-4.7.2 <i>From the Quality Core for Biology:</i> F1a, F1b, F1f, F1g, F1h, F1i, F1j, F1l, F1m <i>From the NGSS:</i> MS.LS-MEOEc-f, MS.LS.IREa-f	
5 weeks	<b>Structure and Function of Physiological Systems</b>	E	<i>From KY Combined Curriculum Document:</i> SC-08-3.4.1, SC-H-UD-U-1, SC-H-UD-S-2, SC-H-UD-S-9 <i>From the Quality Core for Biology:</i> A4a, A4b, B1a, E1a, E1b <i>From the NGSS:</i> MS.LS-SFIPb, MS.LS-SFIPd	