

SEQUENCE 1

8 th Grade	Earth Science	Essential Expectations
9 th Grade	Physical Science	Chemistry and Physics Essential Expectations
10 th or 11 th Grade	Biology	Essential and Core Expectations
10 th or 11 th Grade	Chemistry or Physics	Essential and Core Expectations

SEQUENCE 4

8 th Grade	Conceptual Physics	Essential Expectations
9 th or 10 th Grade	Chemistry	Essential and Core Expectations
9 th or 10 th Grade	Biology	Essential and Core Expectations
11 th Grade	Earth Science	Essential and Core Expectations

SEQUENCE 7

8 th Grade	Integrated Science I	Selected Earth Science, Physics, Chemistry, and Biology Essential Expectations
9 th Grade	Integrated Science II	Remaining Earth Science, Physics, Chemistry, and Biology Essential Expectations
10 th Grade	Integrated Science III	Selected Earth Science, Physics, Chemistry, and Biology Core Expectations
11 th Grade	Integrated Science IV	Remaining Earth Science, Physics, Chemistry, and Biology Core Expectations

SEQUENCE 9

8 th Grade	Varies by Feeder School	Varies by Feeder School
9 th Grade	Geophysical Science	Essential Expectations in Earth Science, Physics, and Chemistry
10 th Grade	Biology	Essential and Core Expectations in Biology
11 th Grade	Chemistry or Physics	Essential and Core Expectations in Chemistry or Physics

SEQUENCE 2

8 th Grade	Geophysical Science	All Essential Expectations from Earth Science and Selected Essential Expectations from Chemistry and Physics
9 th Grade	Biology	Essential and Core Expectations
10 th Grade	Chemistry	Essential and Core Expectations
11 th Grade	Physics	Essential and Core Expectations

SEQUENCE 5

8 th Grade	Geophysical Science	Earth Science and Physics Essential Expectations
9 th or 10 th Grade	Chemistry	Essential and Core Expectations
9 th or 10 th Grade	Biology	Essential and Core Expectations
11 th Grade	Physics or Elective	If Physics, the Essential and Core Expectations

SEQUENCE 8

8 th Grade	Earth Science	Essential Expectations
9 th Grade	Biology	Essential and Core Expectations
10 th or 11 th Grade	3 Trimesters – 70 Minute Classes	Chemistry
10 th or 11 th Grade	2 Trimesters – 70 Minute Classes	Chemistry
10 th or 11 th Grade	3 Trimesters – 70 Minute Classes	Essential Physical Science

SEQUENCE 3

8 th Grade	Geophysical Science I	Selected Essential Expectations from Earth Science, Chemistry, and Physics
9 th Grade	Geophysical Science II	Remaining Essential Expectations from Earth Science, Chemistry, and Physics
10 th or 11 th Grade	Biology	Essential and Core Expectations
10 th or 11 th Grade	Chemistry or Physics	Essential and Core Expectations

SEQUENCE 6

8 th Grade	Earth Science	Essential Expectations
9 th Grade	Biology	Essential and Core Expectations
10 th or 11 th Grade	ChemComm	Essential and Core Expectations (may require additional instructional resources)
10 th or 11 th Grade	Conceptual Physics	Essential and Core Expectations

Sequence 9 is based on the assumption that the high school has no control over the 8th grade science curriculum. This situation may occur if the feeder schools are outside the district, such as Public School Academies, parochial schools, or private schools.

