

Discovery K12 Curriculum Scope & Sequence

Tenth Grade

Course: Reading/Literature 10			
Unit	Start Day	End Day	Quiz/Test Day
Read and Log: Classic Literature	Daily	n/a	n/a

Course: Language Arts 10			
Unit (Writing)	Start Day	End Day	Quiz/Test Day
Argumentative Essay (revolving throughout the year)	Weekly	n/a	n/a
Narrative Essay (revolving throughout the year)	Weekly	n/a	n/a
Slide Presentation Part 1 (revolving throughout the year)	Weekly	n/a	n/a
Slide Presentation Part 2 (revolving throughout the year)	Weekly	n/a	n/a
Creative Writing (revolving throughout the year)	Weekly	n/a	n/a
Unit (English Grammar)	Start Day	End Day	Quiz/Test Day
Strengthen, Edit, and Revise Grammar and Writing	n/a	n/a	n/a
Improve Writing Using Research, Dictionary, etc.	n/a	n/a	n/a
Cite Bibliographic References and Sources	n/a	n/a	n/a
Increase Vocabulary and Spelling	n/a	n/a	n/a
Unit (Spelling)	Start Day	End Day	Quiz/Test Day
Spelling Vocab (revolving throughout the year)	Weekly	n/a	n/a
Spelling Study (revolving throughout the year)	Weekly	n/a	n/a
Spelling Quiz (revolving throughout the year)	Weekly	n/a	end of week

Course: Math 10

Unit	Start Day	End Day	Quiz/Test Day
Points, Lines, and Planes	n/a	n/a	n/a
Radius, Area, Circumference and Other Properties of Circles	n/a	n/a	n/a
Transformations of Shapes on the Coordinate Plane	n/a	n/a	n/a
Transformations and Rigid Motion	n/a	n/a	n/a
Translating Circles	n/a	n/a	n/a
Parallel Lines and Corresponding Angles	n/a	n/a	n/a
Geometric Constructions	n/a	n/a	n/a
Similar and Congruent Triangles	n/a	n/a	n/a
Right Triangles and Right Triangle Equations	n/a	n/a	n/a
Sine, Cosine, and Tangent	n/a	n/a	n/a
Similarity of Circles	n/a	n/a	n/a
Inscribed and Central Angles	n/a	n/a	n/a
Constructing a Tangent to a Circle	n/a	n/a	n/a
Write Equations Given the Center and Radius of a Circle	n/a	n/a	n/a
Finding the Directrix, Focus, and Vertex of a Parabola	n/a	n/a	n/a
Use Slope to Determine if Lines are Parallel or Perpendicular	n/a	n/a	n/a
Find Area and Perimeter of Triangles in the Coordinate Plane	n/a	n/a	n/a

Course: History/Social Studies 10

Unit	Start Day	End Day	Quiz/Test Day
Turning Points After the 1800s that Shaped the Modern World	Day 1	Day 29	Day 29
Ancient Greek and Roman Philosophy that Shaped Western Ideas	Day 30	Day 60	Day 60
Comparing the Glorious Revolution to the American Revolution	Day 61	Day 86	Day 86
Causes, Course, and Effects of World War I and II	Day 87	Day 120	Day 120
National Building in Latin America and China	Day 121	Day 145	Day 145
Global Advances in Economy, Information, and Technology	Day 146	Day 170	Day 170
End of Year Report or Presentation	Day 170	Day 180	n/a

Course: Science 10

Unit	Start Day	End Day	Quiz/Test Day
Atomic and Molecular Structure	Day 1	Day 15	Day 29
Chemical Bonds	Day 16	Day 29	Day 29
Conservation of Matter and Stoichiometry	Day 30	Day 44	Day 44
Gases and their Properties	Day 45	Day 61	Day 61
Acids and Bases	Day 62	Day 81	Day 81
Solutions	Day 82	Day 91	Day 91
Chemical Thermodynamics	Day 92	Day 101	Day 101
Chemical Reactions	Day 102	Day 120	Day 120
Chemical Equilibrium	Day 121	Day 130	Day 130
Organic Biochemistry	Day 131	Day 145	Day 145
Nuclear Processes	Day 145	Day 174	Day 174
Scientific Wonders of the World	Day 175	Day 180	n/a
Investigative and Research Skills (integrated into above)	Day 1	Day 180	n/a

Course: Visual/Performing Arts 10

Unit	Start Day	End Day	Quiz/Test Day
Dance, Music, Art (revolving unit throughout the year)	n/a	n/a	n/a
Drawing (revolving unit throughout the year)	n/a	n/a	n/a
Art Projects (revolving unit throughout the year)	n/a	n/a	n/a
Virtual Museum Tours (revolving unit throughout the year)	n/a	n/a	n/a
Comments: The above units are a mix of assignments presented throughout the year.			

Course: Physical Education 10

Unit	Start Day	End Day	Quiz/Test Day
Calisthenics (revolving throughout the year)	Daily	n/a	n/a
Build Stamina/Flexibility (revolving throughout the year)	Daily	n/a	n/a
Stretching and Calisthenic Techniques	Daily	n/a	n/a
History of Calisthenics (revolving throughout the year)	Daily	n/a	n/a
Record and Track Progress	Daily	n/a	n/a
Comments: The above units occur on a daily basis.			

n/a = not available in this version.