Biology II/Ecology
Pacing Guide

SOL #	NW1 - Topic/Unit	Suggested Time Frame
Science Skills and Processes	**Unit 1: Scientific and Engineering Practices** (scientific method steps, independent/dependent variables, hypothesis, theory, law, qualitative/quantitative, microscopes)	5 days review; then embedded throughout the year
Module 1	**Lessons 1-4**: **Ecology** (What is Ecology, Shaping Ecology, Ecology of Ecosystems, The Field of Ecology) **Module 1 labs and assessment**	15 days
Module 2	**Lessons 1-3**: **The Individual** (Components of Ecosystems: The Individual, Plants, Animals)	20 days

SOL #	NW 2 - Topic/Unit	Suggested Time Frame
Science Skills and Processes	**Unit 1: Scientific and Engineering Practices**	Embedded throughout the year
Module 2 (continued)	**Lesson 4: The Individual** (Individual Change) **Module 2 labs and assessment**	10 days
Module 3	**Lessons 1-4: Populations** (Population Structure, Population Interactions, Population Growth, Population Change) **Module 3 labs and assessment**	30 days

SOL #	NW3 - Topic/Unit	Suggested Time Frame
Science Skills and Processes	**Unit 1: Scientific and Engineering Practices**	Embedded throughout the year
Module 4	**Lessons 1-4: Communities** (Community Interactions, Community Characteristics, Biodiversity, Ecological Succession) **Module 4 labs and assessment**	25 days
Module 5	**Lessons 1-2: Ecosystems** (Energy flow, Biogeochemical Cycles) **Module 5 labs**	15 days

SOL #	NW 4-Topic/Unit	Suggested Time Frame
Science Skills and Processes	**Unit 1: Scientific and Engineering Practices**	Embedded throughout the year
Module 5	**Lessons 3-4: Ecosystems** (Aquatic Biomes, Terrestrial Biomes) **Module 5 Labs and assessment**	15 days
Module 6	**Lessons 1-4: Biodiversity** (Importance of Biodiversity, Threats to Biodiversity, Preserving Biodiversity, Protecting Natural Resources) **Module 6 Labs and assessment**	25 days
	Content Review and Final Exam	5 days