

Accomack County Public Schools Biology Pacing Guide

All times are approximate due to holidays, inclement weather delays and other possible occurrences.

This pacing guide is based on the 2018 VDOE science standards and designed around the premise of a 94-minute science block. The rationale is that students are taught using scientific inquiry lessons, engaging in scientific discourse with peers, and using authentic learning experiences to develop academic vocabulary.

Module	Timeline (Approximately)
Introduction to Class	2 days
Module 1.0: Scientific and Engineering Principles (SEP)	1 Week
Module 1.1: Scientific and Engineering Principles (SEP)	1 Week
Module 2.0: Biology Content	1 Week
Module 3.0: Cells and Cell Theory	1 Week
Module 3.1: Photosynthesis and Cell Respiration	1 Week
Module 3.2: DNA, RNA and Protein Synthesis	1 Week
Module 3.3: Cell Growth and Division	1 Week
Module 4.0: Bacteria and Viruses	1 Week
Module 5.0: Introduction to Genetics	1 Week
Module 5.1: Genetic Engineering	1 Week
Module 6.0: Evolutionary Theory	1 Week
Module 7.0: The Classification of Life	1 Week
Module 8.0: Introduction to Ecology	1 Week
Module 9.0: SOL Preparation and Review	2 Weeks
Module 10A: Independent Investigations: (Students who pass the SOL and are exempt from the final exam)	2 Weeks
Module 10B: SOL Retake Review and Preparation: (Students who did not earn a 400 on the SOL, but earned between 376 and 399 and earned a retake and who may need to take the final exam if they do not earn 400 on the SOL retake)	1 Week
Module 10C: Final Exam Review and Preparation: (Students who did not earn at least a 376 on the SOL and will take the final exam)	1 Week