

Accomack County Public Schools Grade 7 Life Science Pacing Guide

This pacing guide is based on the 2018 VDOE science standards and designed around the premise of a 90-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.

	SOL Standard	Suggested Time Frame	Unit Topic
First Nine Weeks	LS 1 a – f	1 week and ongoing throughout the semester	Scientific Investigation
	LS 3c LS 11b	3 weeks	Classification & Evidence of Evolution <ul style="list-style-type: none"> • Key Physical Features • Hierarchy • Anatomical Comparisons
	LS 2 a – c LS 3 a – c LS 4 a – b LS 2 d – e	4 weeks	Cell Structure & Processes <ul style="list-style-type: none"> • Cell Structure • Cellular Organization • Photosynthesis & Respiration Cell Division
		1 Weeks	Review and Benchmark Exam
Second Nine Weeks	LS 10 a – c LS 11 a – c	3 weeks	Inheritance of Traits <ul style="list-style-type: none"> • Genetics • Evolution
	LS 7 a-b LS 5 a – c LS 6 a – d LS 8 a – c LS 9 a – c	6 Weeks	Ecology <ul style="list-style-type: none"> • Biomes/Ecosystems • Energy Flow • Interactions/Competition • Ecological Succession • Ecosystem Dynamics
			Final Exam