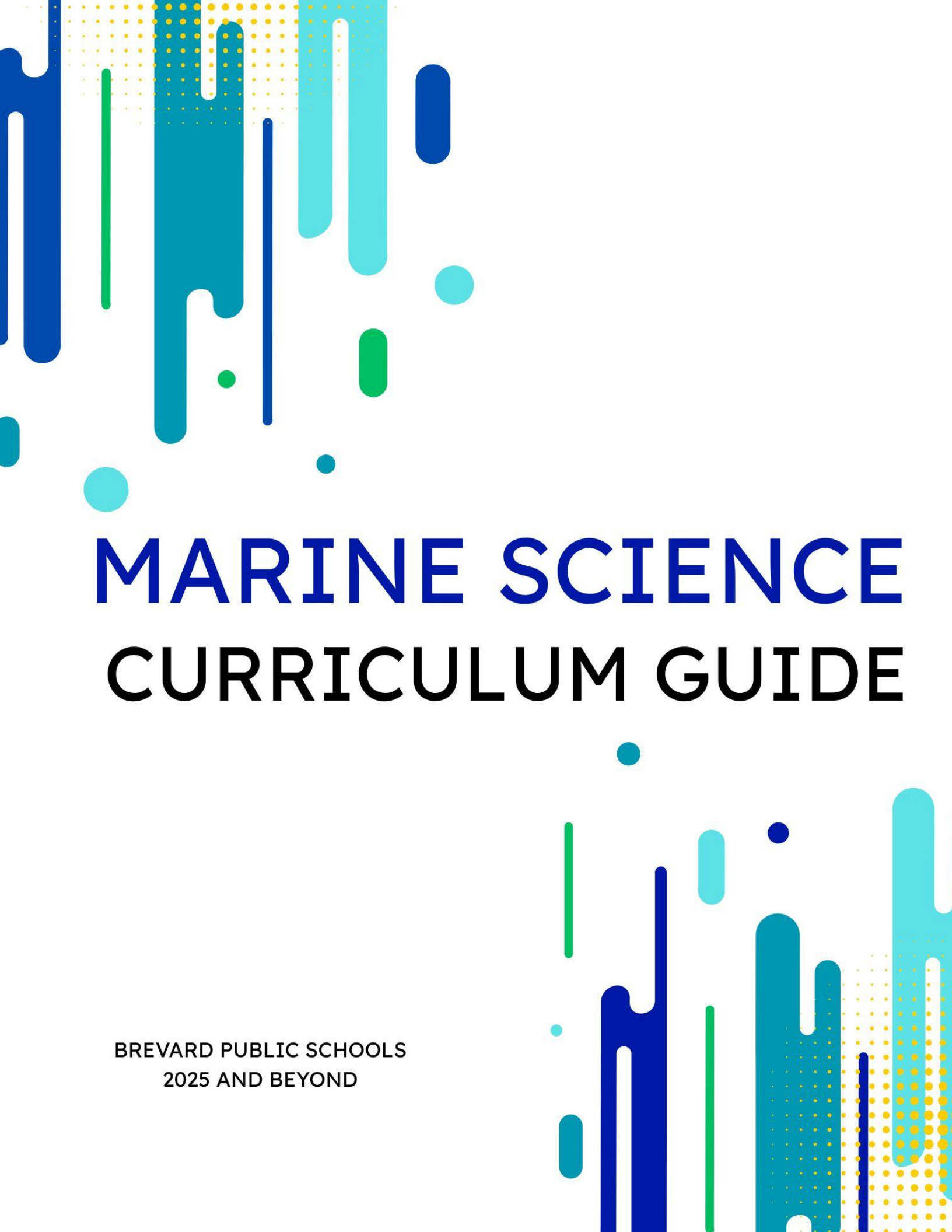




MARINE SCIENCE CURRICULUM GUIDE

BREVARD PUBLIC SCHOOLS
2025 AND BEYOND

Marine Science Curriculum Guide Brevard Public Schools

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Acknowledgements

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Unit	Title	Estimated time (45 minute periods)	Standards addressed
	Secondary Science Curriculum User Guide		
1	Foundations and ocean exploration	18 class periods	Nature of science standards
2	Properties of water	10 class periods	SC.912.L.17.2 SC.912.L.18.12
3	Currents, tides, and waves	17 class periods	SC.912.L.17.3 SC.912.L.17.11 SC.912.P.10.20
4	The ocean over time	14 class periods	SC.912.N.1.3 SC.912.N.2.1 SC.912.N.2.5 SC.912.N.3.1
5	Changing climate	18 class periods	SC.912.N.1.4 SC.912.N.3.5 SC.912.N.4.1 SC.912.E.7.9 SC.912.P.10.2 SC.912.L.17.4
6	Photosynthesis in the ocean	18 class periods	SC.912.L.14.6 SC.912.L.17.10
7	Biodiversity in the ocean	22 class periods	SC.912.L.17.7 SC.912.L.17.9
8	Relationships in the ocean	14 class periods	SC.912.L.17.6
9	Evolution in the ocean	20 class periods	SC.912.L.15.13 SC.912.L.17.1 SC.912.L.17.8
10	Human impact on marine ecosystems	23 class periods	SC.912.N.4.2 SC.912.L.17.8

			SC.912.L.17.11 SC.912.L.17.16
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Pacing and Sequence Calendar									
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
Quarter 1	Foundations and ocean exploration			Properties of water		Currents, tides, and waves			The ocean over time
Quarter 2	The ocean over time		Changing climate				Photosynthesis in the ocean		Exams
Quarter 3	Photosynthesis in the ocean		Biodiversity in the ocean				Relationships in the ocean		Evo. in the oceans
Quarter 4	Evolution in the ocean			Human impact on marine ecosystems				Review	Exams

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