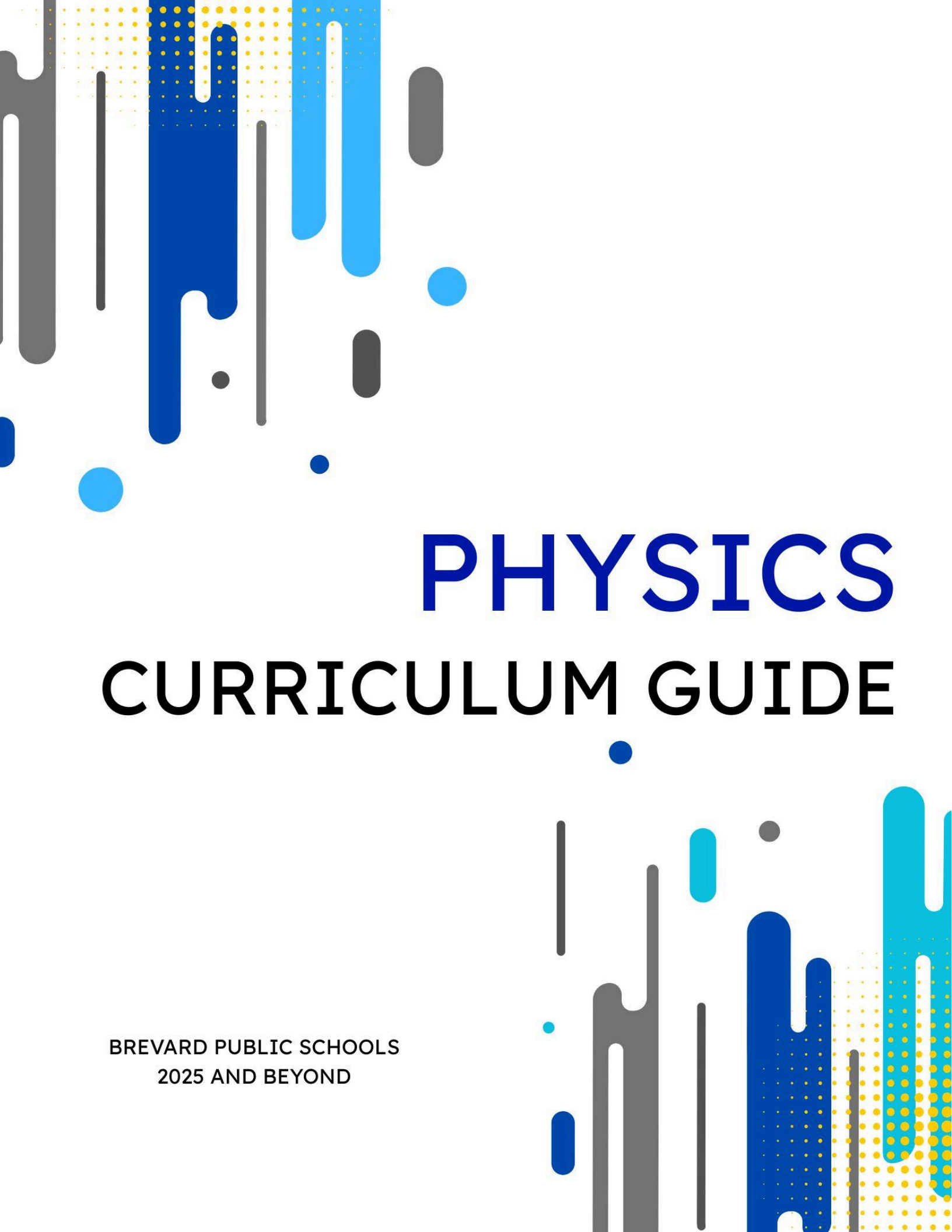




PHYSICS

CURRICULUM GUIDE

BREVARD PUBLIC SCHOOLS
2025 AND BEYOND

Physics Curriculum Guide Brevard Public Schools

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Unit	Title	Estimated time (45 minute periods)	Standards addressed
	<u>Secondary Science Curriculum User Guide</u>		
1	<u>Nature and practices of science</u>	5 class periods	Nature of science standards
2	<u>Vectors and motion</u>	20 class periods	SC.912.P.12.1 SC.912.P.12.2 SC.912.P.12.9
3	<u>Forces and Newton's Laws of Motion</u>	20 class periods	SC.912.P.12.3 SC.912.N.3.4
4	<u>Universal gravitation</u>	20 class periods	SC.912.P.12.4 SC.912.E.5.2 SC.912.E.5.6 SC.912.N.1.5 SC.912.N.2.4 SC.912.N.3.3 SC.912.N.3.4 SC.912.N.3.5
5	<u>Momentum</u>	20 class periods	SC.912.P.12.5 SC.912.N.4.1
6	<u>Energy</u>	30 class periods	SC.912.P.10.1 SC.912.P.10.2 SC.912.P.10.3
7	<u>Heat</u>	10 class periods	SC.912.P.8.1 SC.912.P.8.3 SC.912.P.10.4 SC.912.P.10.5 SC.912.N.3.4 SC.912.N.3.5
8	<u>Electricity</u>	30 class periods	SC.912.P.10.10 SC.912.P.10.13 SC.912.P.10.14

			SC.912.P.10.15 SC.912.N.2.5
9	Optics and waves	10 class periods	SC.912.P.12.7 SC.912.P.10.18 SC.912.P.10.20 SC.912.P.10.21 SC.912.P.10.22 SC.912.N.4.1

Pacing and Sequence Calendar									
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
Quarter 1	NOS	Vectors and motion				Forces and Newton's Laws of Motion			
Quarter 2	Universal gravitation				Momentum				Exams
Quarter 3	Energy						Heat		Electr.
Quarter 4	Electricity					Optics and waves		Review	Exams