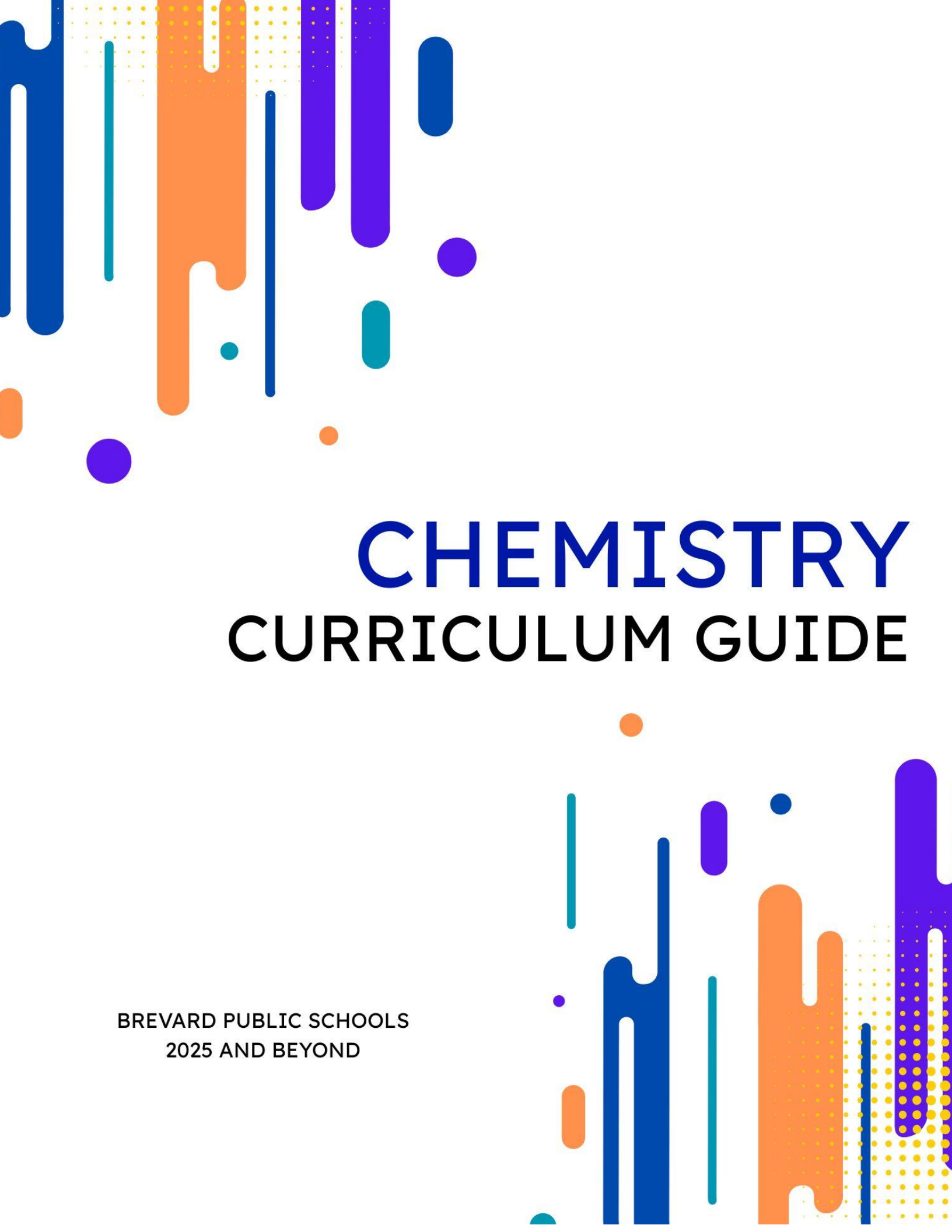




CHEMISTRY

CURRICULUM GUIDE

BREVARD PUBLIC SCHOOLS
2025 AND BEYOND

Chemistry Curriculum Guide

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Unit	Title	Estimated time (45 minute periods)	Content standards addressed (*honors only standard)
1	Nature of Science	10	Nature of science standards
2	Properties of Change	5	SC.912.P.8.2
3	Atomic Theory	15	SC.912.P.8.4 SC.912.P.10.9 SC.912.P.10.18 SC.912.P.10.10*
4	The Periodic Table	20	SC.912.P.8.5
5	Bonding & IMFs	15	SC.912.P.8.6 SC.912.P.8.7 SC.912.L.18.12 SC.912.L.17.15* SC.912.L.17.19*
6	Reaction Types & Balancing	15	SC.912.P.8.8 SC.912.P.8.9 SC.912.P.8.10*
7	Chemical Quantities	15	SC.912.P.8.9
8	States of Matter and the Gas Laws	15	SC.912.P.8.1 SC.912.P.12.10 SC.912.P.12.11
9	Thermochemistry	10	SC.912.P.10.5 SC.912.P.10.1 SC.912.P.10.6 SC.912.P.10.7 SC.912.P.10.8* SC.912.P.10.2*
10	Reaction Rates and Equilibrium	10	SC.912.P.12.12 SC.912.P.12.13

11	<u>Acids and Bases</u>	15	SC.912.P.8.11
12	<u>Nuclear Chemistry</u>	10	SC.912.P.10.12 SC.912.P.10.11*
13	<u>Organic Chemistry (Honors Only)</u>	5	SC.912.P.8.12* SC.912.P.8.13*

Pacing and Sequence Calendar									
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
Quarter 1	<u>Nature of Science</u>		<u>Properties of Change</u>	<u>Atomic Theory</u>			<u>The Periodic Table</u>		
Quarter 2	<u>The Periodic Table</u>	<u>Bonding & IMFs</u>			<u>Reaction Types & Balancing</u>			Review	Exams
Quarter 3	<u>Chemical Quantities</u>			<u>States of Matter and the Gas Laws</u>			<u>Thermochemistry</u>	<u>Reaction Rates and Equilibrium</u>	
Quarter 4	<u>Reaction Rates and Equilibrium</u>	<u>Acids and Bases</u>			<u>Nuclear Chemistry</u>		<u>Organic Chemistry (Honors Only)</u>	Review	Exams