Broward County Hands-On Science
Grade 5 Benchmark Correlation Chart—Quarter 1

Benchmark	Harcourt 2000 Correlation	Delta Science Reader Correlation
Activity 1: The Density of Liquids		
SC.A.1.2.1: *The student determines that the properties of materials (e.g., density and volume) can be compared and measured (e.g., using rulers, balances, and thermometers).*	Unit E, Chapter 1, Lesson 1, pp. E6–E9	*Matter and Change,* pp. 13–15
SC.H.1.2.1: *The student knows that it is important to keep accurate records and descriptions to provide information and clues on causes of discrepancies in repeated experiments.*	pp. x–xv	
SC.H.1.2.2: *The student knows that a successful method to explore the natural world is to observe and record, and then analyze and communicate the results.*	pp. x–xv	
SC.H.1.2.3: *The student knows that to work collaboratively, all team members should be free to reach, explain, and justify their own individual conclusions.*	pp. x–xv	
SC.H.1.2.4: *The student knows that to compare and contrast observations and results is an essential skill in science.*	pp. x–xv	
SC.H.3.2.2: *The student knows that data are collected and interpreted in order to explain an event or concept.*	pp. x–xv	
Activity 2: Pressure and Volume of a Gas		
SC.A.1.2.1: *The student determines that the properties of materials (e.g., density and volume) can be compared and measured (e.g., using rulers, balances, and thermometers).*	Unit E, Chapter 1, Lesson 1, pp. E6–E9	*Matter and Change,* pp. 13–15
SC.A.2.2.1: *The student knows that materials may be made of parts too small to be seen without magnification.*	Unit E, Chapter 2, Lesson 1, pp. E36–E43	*Matter and Change,* pp. 2–3, 22
SC.H.1.2.1: *The student knows that it is important to keep accurate records and descriptions to provide information and clues on causes of discrepancies in repeated experiments.*	pp. x–xv	
SC.H.1.2.2: *The student knows that a successful method to explore the natural world is to observe and record, and then analyze and communicate the results.*	pp. x–xv	

Broward County Hands-On Science
Grade 5 Benchmark Correlation Chart—Quarter 1

Benchmark	Harcourt 2000 Correlation	Delta Science Reader Correlation
Activity 2: Pressure and Volume of a Gas *(continued)*		
SC.H.1.2.3: *The student knows that to work collaboratively, all team members should be free to reach, explain, and justify their own individual conclusions.*	pp. x–xv	
SC.H.1.2.4: *The student knows that to compare and contrast observations and results is an essential skill in science.*	pp. x–xv	
SC.H.3.2.2: *The student knows that data are collected and interpreted in order to explain an event or concept.*	pp. x–xv	
Activities 3 & 4: Solutions and Suspensions (Sessions I and II)		
SC.A.1.2.4: *The student knows that different materials are made by physically combining substances and that different objects can be made by combining different materials.*	Unit E, Chapter 1, Lesson 1, pp. 10, 11	*Matter and Change,* pp. 14–15
SC.A.2.2.1: *The student knows that materials may be made of parts too small to be seen without magnification.*	Unit E, Chapter 2, Lesson 1, pp. E36–E43	*Matter and Change,* pp. 2–3, 22
SC.H.1.2.2: *The student knows that a successful method to explore the natural world is to observe and record, and then analyze and communicate the results.*	pp. x–xv	
SC.H.1.2.3: *The student knows that to work collaboratively, all team members should be free to reach, explain, and justify their own individual conclusions.*	pp. x–xv	
SC.H.1.2.4: *The student knows that to compare and contrast observations and results is an essential skill in science.*	pp. x–xv	

Broward County Hands-On Science
Grade 5 Benchmark Correlation Chart—Quarter 1

Benchmark	Harcourt 2000 Correlation	Delta Science Reader Correlation
Activity 5: Atomic Structure		
SC.A.2.2.1: *The student knows that materials may be made of parts too small to be seen without magnification.*	Unit E, Chapter 2, Lesson 1, pp. E36–E43	*Matter and Change,* pp. 2–3, 22
SC.H.1.2.3: *The student knows that to work collaboratively, all team members should be free to reach, explain, and justify their own individual conclusions.*	pp. x–xv	
SC.H.1.2.4: *The student knows that to compare and contrast observations and results is an essential skill in science.*	pp. x–xv	
SC.H.1.2.5: *The student knows that a model of something is different from the real thing, but can be used to learn something about the real thing.*	pp. x–xv	
Activity 6: Making Molecules		
SC.A.2.2.1: *The student knows that materials may be made of parts too small to be seen without magnification.*	Unit E, Chapter 2, Lesson 1, pp. E36–E43	*Matter and Change,* pp. 2–3, 22
SC.H.1.2.3: *The student knows that to work collaboratively, all team members should be free to reach, explain, and justify their own individual conclusions.*	pp. x–xv	
SC.H.1.2.4: *The student knows that to compare and contrast observations and results is an essential skill in science.*	pp. x–xv	
SC.H.1.2.5: *The student knows that a model of something is different from the real thing, but can be used to learn something about the real thing.*	pp. x–xv	

Broward County Hands-On Science
Grade 5 Benchmark Correlation Chart—Quarter 1

Benchmark	Harcourt 2000 Correlation	Delta Science Reader Correlation
Activity 7: Chemical Equations		
SC.A.1.2.5: *The student knows that materials made by chemically combining two or more substances may have properties that differ from the original materials.*	Unit E, Chapter 1, Lesson 3, pp. E20–E27	*Matter and Change,* pp. 16–19
SC.H.1.2.3: *The student knows that to work collaboratively, all team members should be free to reach, explain, and justify their own individual conclusions.*	pp. x–xv	
SC.H.1.2.4: *The student knows that to compare and contrast observations and results is an essential skill in science.*	pp. x–xv	
SC.H.1.2.5: *The student knows that a model of something is different from the real thing, but can be used to learn something about the real thing.*	pp. x–xv	
Activities 8 & 9 Oxidation (Sessions I and II)		
SC.A.1.2.5: *The student knows that materials made by chemically combining two or more substances may have properties that differ from the original materials.*	Unit E, Chapter 1, Lesson 3, pp. E20–E27	*Matter and Change,* pp. 16–19
SC.H.1.2.1: *The student knows that it is important to keep accurate records and descriptions to provide information and clues on causes of discrepancies in repeated experiments.*	pp. x–xv	
SC.H.1.2.2: *The student knows that a successful method to explore the natural world is to observe and record, and then analyze and communicate the results.*	pp. x–xv	
SC.H.1.2.3: *The student knows that to work collaboratively, all team members should be free to reach, explain, and justify their own individual conclusions.*	pp. x–xv	
SC.H.1.2.4: *The student knows that to compare and contrast observations and results is an essential skill in science.*	pp. x–xv	
SC.H.3.2.2: *The student knows that data are collected and interpreted in order to explain an event or concept.*	pp. x–xv	

Broward County Hands-On Science
Grade 5 Benchmark Correlation Chart—Quarter 1

Benchmark	Harcourt 2000 Correlation	Delta Science Reader Correlation
Activity 10: Plant and Animal Cells		
SC.A.2.2.1: *The student knows that materials may be made of parts too small to be seen without magnification.*	Unit E, Chapter 2, Lesson 1, pp. E36–E43	*Matter and Change,* pp. 2–3, 22
SC.F.1.2.4: *The student knows that similar cells form different kinds of structures.*	Unit A, Chapter 1, Lesson 2, pp. A14–A21	
SC.H.1.2.2: *The student knows that a successful method to explore the natural world is to observe and record, and then analyze and communicate the results.*	pp. x–xv	
SC.H.1.2.3: *The student knows that to work collaboratively, all team members should be free to reach, explain, and justify their own individual conclusions.*	pp. x–xv	
SC.H.1.2.4: *The student knows that to compare and contrast observations and results is an essential skill in science.*	pp. x–xv	
SC.H.1.2.5: *The student knows that a model of something is different from the real thing, but can be used to learn something about the real thing.*	pp. x–xv	
SC.H.3.2.2: *The student knows that data are collected and interpreted in order to explain an event or concept.*	pp. x–xv	