



Macmillan/McGraw-Hill

Science Education Standards
Grades K-2

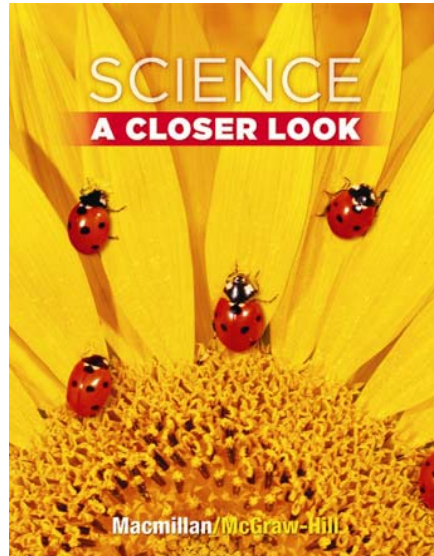
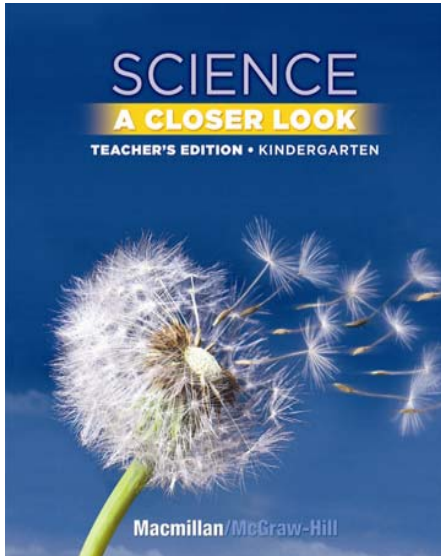


SCIENCE

A CLOSER LOOK

Grades K, 1, and 2

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Codes used for the Teacher Wraparound Edition pages are the initial caps of headings on that page.

STANDARDS	PAGE REFERENCES		
	<i>Science: A Closer Look</i> Grade K	<i>Science: A Closer Look</i> Grade 1	<i>Science: A Closer Look</i> Grade 3
STANDARD 1: SCIENCE AS INQUIRY			
SCIENCE AS INQUIRY – The student will experience science as <i>full inquiry</i>. In the elementary grades, students begin to develop the physical and intellectual abilities of scientific inquiry.			
Benchmark 1: The student will be involved in activities that develop skills necessary to conduct scientific inquiries.			
The student...	Flipbook: <i>Unit C Lesson 2 30</i> <i>Unit E Lesson 4 52</i> <i>Unit F Lesson 5 59</i> Teacher Wraparound Edition: AQ 135, 235; BMW 219; BR 133, 213; BS 136; BW 269; CT 132; DI 135; PA 238; SV 124E; UP 124F; UV 134, 234	Student Edition: 294-295 <i>Chapter 9 Review 325 #8</i> <i>Explore 299</i> <i>Look and Wonder 306</i> <i>Quick Lab 301, 313, 335</i> Teacher Wraparound Edition: AR 295; E 299; ELLS 294, 316; FA 311; LW 306; QL 301, 310, 335	Student Edition: 298-299, 302-303 <i>Explore 187, 295, 301</i> <i>Think, Talk, and Write 191,</i> <i>305 #1</i> Teacher Wraparound Edition: AE 295; DI 189, 303; DMI 302; E 187, 295, 301; ELLS 188, 296, 302; FA 313; IM 191A; UV 298, 303; WU 294
1. identifies <i>properties</i> of objects.	Flipbook: <i>Unit C Lesson 2 30</i> <i>Unit E Lesson 4 52</i> <i>Unit F Lesson 5 59</i> Teacher Wraparound Edition: AQ 135, 235, 271; BMW 219; BS 52, 136; CT 84, 218; SV 124E; TT 135; UP 124F; UV 234, 270; VA 210J	Student Edition: <i>Explore 53, 307</i> <i>Math in Science 305</i> <i>Quick Lab 91, 301</i> Teacher Wraparound Edition: AE 53, 299; E 53, 307; ELLS 316; FS 57A-57B; IM 57A; LAI 305; QL 301	Student Edition: <i>Explore 187, 295</i> <i>Quick Lab 298, 304</i> <i>Think, Talk, and Write 191 #1</i> Teacher Wraparound Edition: E 187, 295; QL 298, 304; UV 303
2. <i>classifies</i> and arranges groups of objects by a variety of properties, one property at a time.			

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	<i>Science: A Closer Look</i> Grade K	<i>Science: A Closer Look</i> Grade 1	<i>Science: A Closer Look</i> Grade 3
3. uses appropriate materials, <i>tools</i> , and <i>safety procedures</i> to collect information.	<p>Flipbook: <i>Unit F Lesson 5 59</i></p> <p>Teacher Wraparound Edition: BMW 33, 99, 105, 127, 133, 139, 199, 213, 231, 243, 268; BS 76, 82, 102, 110, 130, 136, 144, 246; CT 268; IW TR7; ML TR7; T TR8; UP 168F</p>	<p>Student Edition: <i>Art Link 93</i> <i>Explore 53, 171, 307, 341</i> <i>Math in Science 305</i> <i>Math Link 33</i> <i>Quick Lab 91, 232, 311, 335, 343</i></p> <p>Teacher Wraparound Edition: AE 307; AL 93; BS 275A-275B; DI 302, 317; E 53, 171, 307, 341; FS 319A-319B; ML 33; QL 232, 310, 335, 343; TI 305</p>	<p>Student Edition: <i>Explore 29, 39, 135, 171, 187, 195, 309</i> <i>Math Link 191</i> <i>Quick Lab 32, 191, 304, 364, 407, 418</i></p> <p>Teacher Wraparound Edition: BS 65A-65B, 109A-109B, 199A-199B, 389A-389B; DI 297; E 29, 39, 135, 171, 187, 195, 309; FA 299, 305; IM 191A, 193, 315; ML 191; QL 32, 190, 304, 364, 407, 418</p>
4. asks and answers questions about objects, organisms, and events in his/her environment.	<p>Flipbook: <i>Unit A Lesson 2 8</i> <i>Unit A Lesson 3 10</i> <i>Unit B Lesson 4 19</i> <i>Unit C Lesson 1 29</i> <i>Unit C Lesson 6 36</i> <i>Unit D Lesson 4 42</i></p> <p>Teacher Wraparound Edition: AQ 35, 43, 87, 129, 163, 193; BS 44, 76, 82, 88, 102, 110, 130; CT 70; IM 68, 76, 82; ST 131; TT 129, 163; UV 34, 42, 86, 128</p>	<p>Student Edition: <i>Explore 23, 53, 59, 67, 87, 95, 141, 201, 209, 241, 307, 329, 341, 373, 381</i> <i>Quick Lab 173, 183, 319, 335, 343, 384</i></p> <p>Teacher Wraparound Edition: BS 345A-345B; E 23, 53, 59, 67, 87, 95, 201, 209, 241, 307, 329, 341, 373, 381; ELLS 316; IM 305; FS 27A-27B; 269A-269B; QL 173, 182, 318, 335, 384; PA 322-323</p>	<p>Student Edition: <i>Explore 23, 39, 55, 69, 89, 103, 155, 187, 195, 231, 301, 405</i> <i>Quick Lab 26, 42, 173</i> <i>Writing in Science 192</i></p> <p>Teacher Wraparound Edition: AE 23; BS 109A-109B; E 23, 39, 55, 69, 89, 103, 155, 187, 195, 231, 301, 405; FA 313; FS 299A-299B; QL 26, 42, 173; RS 192</p>

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	<i>Science: A Closer Look</i> Grade K	<i>Science: A Closer Look</i> Grade 1	<i>Science: A Closer Look</i> Grade 3
5. describes an observation orally or pictorially.	Flipbook: <i>Review Together Plants and Animals</i> 26 <i>Unit C Lesson 2</i> 30 Teacher Wraparound Edition: AQ 135; BS 44, 52, 68, 76, 82, 88, 102, 110, 136, 196; CT 32, 54; SF 120; TT 135; TTr 95, 193; UP 62F; UV 121	Student Edition: <i>Chapter 9 Review</i> 325 #8 <i>Explore</i> 29, 37, 127, 265, 279 <i>Quick Lab</i> 25, 32, 56, 99, 113, 144, 198 Teacher Wraparound Edition: AE 87; BS 345A-345B; E 29, 37, 127, 265, 279; ELLS 316, 342; FA 33, 303, 311; FS 269A-269B; PA 322-323; QL 25, 32, 56, 98, 113, 144, 198	Student Edition: <i>Explore</i> 89, 231, 295 <i>Look and Wonder</i> 194, 300 <i>Quick Lab</i> 26, 124, 328, 418 <i>Science Tools</i> R6 <i>Writing in Science</i> 314 Teacher Wraparound Edition: AE 69, 155; BS 109A-109B; E 89, 231, 295; FA 191; FS 299A-299B; IW 314; LW 194, 300; QL 26, 124, 328, 418; ST R6; WS 314
STANDARD 2: PHYSICAL AS INQUIRY			
PHYSICAL SCIENCE – The students will explore the world by observing and manipulating common objects and materials in their environment.			
Benchmark 1: All students will develop skills to describe objects.			
The student... 1. observes <i>properties of objects</i> and measures or describes those <i>properties</i> using age-appropriate tools and materials.	Flipbook: <i>Unit E Lesson 4</i> 52 <i>Unit F Lesson 5</i> 59 Teacher Wraparound Edition: AQ 235, 271; BMW 133; BS 130, 136, 272; CT 212, 218, 224; IM 136, 272; UV 234, 270	Student Edition: <i>Explore</i> 249, 299, 307, 315, 341 <i>Quick Lab</i> 311, 335, 343 Teacher Wraparound Edition: DI 302, 317; E 249, 299, 307, 315, 341; FA 303; QL 310, 335, 343	Student Edition: <i>Explore</i> 187 <i>Math in Science</i> 193 <i>Math Link</i> 191 <i>Quick Lab</i> 191 Teacher Wraparound Edition: DI 311; E 187; IM 191A, 193; ML 191; MS 193; QL 190; WU 308

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	<i>Science: A Closer Look</i> Grade K	<i>Science: A Closer Look</i> Grade 1	<i>Science: A Closer Look</i> Grade 3
2. separates or sorts a group of objects or materials by <i>properties</i> .	Flipbook: <i>Unit C Lesson 2 30</i> <i>Unit E Lesson 4 52</i> <i>Unit F Lesson 5 59</i> Teacher Wraparound Edition: AQ 135, 235, 271; BMW 219; BS 52, 136; CT 84, 218; SV 124E; TT 135; UP 124F; UV 234, 270; VA 210J	Student Edition: <i>Explore 53, 333</i> <i>Quick Lab 301</i> Teacher Wraparound Edition: AE 53, 299, 333; DI 317; E 53, 333; QL 301	Student Edition: <i>Explore 187, 295</i> <i>Quick Lab 298, 313</i> <i>Think, Talk, and Write 313 #1</i> Teacher Wraparound Edition: AE 295; DI 189; E 187, 295; ELLS 296; IM 193; QL 298, 312
3. compares the properties of solids and liquids.	Flipbook: <i>Unit E Lesson 4 51</i> Teacher Wraparound Edition: AQ 233; CT 230; ELLS 233; PA 238; TT 233	Student Edition: 294-295 <i>Explore 299</i> <i>Quick Lab 343</i> Teacher Wraparound Edition: AE 315; APK 296, 314; E 299; QL 343; VA 296D; WU 314	Student Edition: <i>Think, Talk, and Write 313 #1</i> Teacher Wraparound Edition: ELLS 310; MFSG 320; PA 318-319; URS 313; WU 308
4. describes the position of an object in relation to other objects.	See <i>Science: A Closer Look</i> © 2008 Grades 1 and 2.	Student Edition: <i>Explore 361</i> <i>Read a Photo 363</i> Teacher Wraparound Edition: AE 361; APK 360; DI 363; DMI 362; E 361; ELLS 362; RP 363; WU 360	Student Edition: 362-363 <i>Explore 361</i> <i>Look and Wonder 360</i> <i>Social Studies Link 365</i> <i>Think, Talk, and Write 365 #1</i> Teacher Wraparound Edition: AE 361; APK 360; DI 363; E 361; LW 360; SSL 365; UV 363

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	<i>Science: A Closer Look</i> Grade K	<i>Science: A Closer Look</i> Grade 1	<i>Science: A Closer Look</i> Grade 3
STANDARD 3: LIFE SCIENCE			
LIFE SCIENCE – The student will begin to develop an understanding of biological concepts.			
Benchmark 1: The student will develop an understanding of the characteristics of living things.			
<p>The student...</p> <p>1. discusses that <i>organisms</i> live only in <i>environments</i> in which their needs can be met.</p>	<p>Flipbook: <i>Review Together Plants and Animals</i> 26 <i>Unit B Lesson 1</i> 15 <i>Unit B Lesson 4</i> 19 Teacher Wraparound Edition: AQ 67, 87, 121; BS 76, 82, 102; IM 76; TT 67, 87; UV 121</p>	<p>Student Edition: 96-97, 128-131, 134-135, 142-143 <i>Chapter 4 Review</i> 155 #6 <i>Explore</i> 95, 127, 133, 141 <i>Look and Wonder</i> 126 <i>Read a Photo</i> 131, 134 Teacher Wraparound Edition: APK 94; DI 143; DMI 96, 130, 134, 142; E 95, 127, 133, 141; LW 126; RP 97, 131, 135; SB 142; UV 129, 143</p>	<p>Student Edition: 92-93 <i>Art Link</i> 93 <i>Look and Wonder</i> 88 <i>Quick Lab</i> 93 <i>Read a Diagram</i> 92 Teacher Wraparound Edition: AE 89; AL 93; DMI 92; LW 88; QL 92; RS 92</p>

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	<i>Science: A Closer Look</i> Grade K	<i>Science: A Closer Look</i> Grade 1	<i>Science: A Closer Look</i> Grade 3
2. observes <i>life cycles</i> of different living things.	Flipbook: <i>Unit A Lesson 3</i> 10 <i>Unit B Lesson 7</i> 23 Teacher Wraparound Edition: AQ 107; BS 44, 110; BW 41; DI 43; DV 42; TT 43; UV 42	Student Edition: 60-61, 110-115 <i>Explore</i> 109 <i>Quick Lab</i> 113 <i>Reading in Science</i> 116-117 <i>Think, Talk, and Write</i> 115 Teacher Wraparound Edition: DI 111; DMI 60, 110, 112, 114; DR 116; E 109; ELLS 60, 110, 116; FA 63, 115; PA 76-77; QL 113; RD 112; TAI 117; UV 111; VA 50D	Student Edition: 34-35, 62-65 <i>Chapter 2 Review</i> 81 #8, #10 <i>Quick Lab</i> 63 <i>Read a Diagram</i> 62-63 <i>Social Studies Link</i> 65 <i>Think, Talk, and Write</i> 35 #1, #3, 65 Teacher Wraparound Edition: BS 65A-65B; DI 34, 64; DMI 34, 62, 64; ELLS 62; FA 35, 65; IW 65A; QL 63; RS 34, 63; SSL 65; URS 35
3. observes living things in various <i>environments</i> .	Teacher Wraparound Edition: BS 82, 102	Student Edition: <i>Explore</i> 59, 67 <i>Quick Lab</i> 70 Teacher Wraparound Edition: AE 67; BS 71A-71B; E 59, 67; QL 70	Student Edition: 71 <i>Explore</i> 23 <i>Quick Lab</i> 26, 42 <i>Read a Photo</i> 71 Teacher Wraparound Edition: E 23; FA 73; QL 26, 42; RP 71

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	<i>Science: A Closer Look</i> Grade K	<i>Science: A Closer Look</i> Grade 1	<i>Science: A Closer Look</i> Grade 3
4. examines the <i>structures</i> /parts of living things.	Flipbook: <i>Unit A</i> 6 <i>Unit A Lesson 1</i> 7 <i>Unit B</i> 14 Teacher Wraparound Edition: AR 25, 63; BPK 28; BR 24; BS 30, 38, 82; CT 26, 90; DV 28; ELLS 24E, 29; PA 60; SA 61; SF 28, 50; SV 24E; UV 28	Student Edition: 30-31, 88-93 <i>Explore</i> 29 <i>Look and Wonder</i> 28 <i>Quick Lab</i> 32 <i>Read a Diagram</i> 31 <i>Think, Talk, and Write</i> 93 #1 Teacher Wraparound Edition: AE 29; APK 28; DI 31; DMI 30, 88, 90, 92; E 29; ELLS 30; FA 33; LW 28; QL 32; RD 31; UV 90; WU 28	Student Edition: 26, 56-59 <i>Explore</i> 55 <i>Look and Wonder</i> 54 <i>Read a Diagram</i> 26, 58 <i>Think, Talk, and Write</i> 27 #2, 59 #3 Teacher Wraparound Edition: AE 55; DMI 58; E 55; ELLS 56; FA 27, 59; LW 54; RD 26, 58; UV 57

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STANDARD 4: EARTH AND SPACE SCIENCE			
EARTH AND SPACE SCIENCE – The student will observe closely the objects and materials in their <i>environment</i>.			
Benchmark 1: The student will describe <i>properties</i> of earth materials.			
The student... 1. observes, compares, and sorts earth materials.	Flipbook: <i>Unit C Lesson 1</i> 29 <i>Unit C Lesson 2</i> 30 Teacher Wraparound Edition: AQ 129, 135; BMW 133; BS 130, 136; CT 126, 132; DI 135; SF 128; TT 135; UP 124F; UV 128, 134	Student Edition: <i>Chapter 5 Review</i> 191 #6 <i>Explore</i> 171 <i>Look and Wonder</i> 170 <i>Quick Lab</i> 173 <i>Read a Photo</i> 172-173 <i>Social Studies Link</i> 175 <i>Think, Talk, and Write</i> 175 Teacher Wraparound Edition: AE 171; DMI 174; E 171; ELLS 172; FA 175; LW 170; QL 173; RP 173; SSL 175; UV 174; WU 170	Student Edition: 196-197 <i>Chapter 6 Review</i> 215 #5, #6 <i>Explore</i> 187, 195 <i>Math in Science</i> 193 <i>Math Link</i> 191 <i>Quick Lab</i> 191 <i>Read a Photo</i> 196-197 <i>Think, Talk, and Write</i> 191 #1, #3 Teacher Wraparound Edition: AE 187, 195; BS 199A-199B; DI 189, 197; E 187, 195; ELLS 188, 196; FA 191; FS 191A-191B; IM 191A, 193, 199A; ML 191; MS 193; QL 190; RP 197

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	<i>Science: A Closer Look</i> Grade K	<i>Science: A Closer Look</i> Grade 1	<i>Science: A Closer Look</i> Grade 3
Benchmark 2: The student will observe and compare objects in the sky.			
<p>The student...</p> <p>1. observes and recognizes the sun, moon, stars, clouds, birds, airplanes, and other objects in the sky.</p>	<p>Flipbook: <i>Unit D Lesson 4 42</i> <i>Unit D Lesson 4 43</i> <i>Unit F Lesson 3 57</i></p> <p>Teacher Wraparound Edition: AQ 193, 195, 259; BR 191; BS 196; BW 257; CT 190; TT 193, 195, 259; TTr 193; UV 192, 194, 258</p>	<p>Student Edition: 266-267 <i>Explore 265</i> <i>Look and Wonder 264</i> <i>Quick Lab 267</i> <i>Think, Talk, and Write 269 #2</i></p> <p>Teacher Wraparound Edition: AE 265; APK 264; DMI 266; E 265; ELLS 266; FA 269; LW 264; QL 267</p>	<p>Student Edition: 256-257, 268-273 <i>Look and Wonder 236, 266</i> <i>Quick Lab 256, 272</i> <i>Read a Diagram 268</i></p> <p>Teacher Wraparound Edition: BS 273A-273B; DI 269; DMI 256, 272; ELLS 268; FA 257, 273; LW 236, 266; QL 256, 272; RD 269; UV 256, 270, 272</p>
<p>2. describes that the sun provides light and warmth.</p>	<p>Flipbook: <i>Unit E Lesson 4 51</i></p> <p>Teacher Wraparound Edition: AQ 201, 233; BR 231; BW 199; DI 35, 155, 201; DV 154, 200; SF 34, 154, 232</p>	<p>Student Edition: 243-244, 268-269 <i>Chapter 8 Review 291 #6</i> <i>Read a Photo 268</i></p> <p>Teacher Wraparound Edition: DI 244, 268; DMI 268; FS 269A-269B; RP 268</p>	<p>Student Edition: 254-255, 262-263, 268-269 <i>Math in Science 265</i> <i>Read a Diagram 263, 269</i> <i>Think, Talk, and Write 263</i></p> <p>Teacher Wraparound Edition: DI 255; DMI 254; FA 257; IM 265; MS 265; RD 262, 269</p>

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	<i>Science: A Closer Look</i> Grade K	<i>Science: A Closer Look</i> Grade 1	<i>Science: A Closer Look</i> Grade 3
Benchmark 3: The student will describe changes in weather.			
The student... 1. observes changes in the weather from day to day.	Teacher Wraparound Edition: BS 182; UP 168F	Daily changes in the weather can be introduced during teacher/class discussion using the following lab. Student Edition: <i>Quick Lab</i> 232	Student Edition: <i>Explore</i> 223 Teacher Wraparound Edition: AE 223; E 223; FA 227
2. records weather changes daily.	Teacher Wraparound Edition: BS 182; UP 168F	Daily changes in the weather can be introduced during teacher/class discussion using the following lab. Student Edition: <i>Quick Lab</i> 232	Student Edition: <i>Explore</i> 223 Teacher Wraparound Edition: AE 223; E 223; FA 227
3. discusses weather safety procedures.	See <i>Science: A Closer Look</i> © 2008 Grades 1 and 2.	Student Edition: <i>Look and Wonder</i> 228 Teacher Wraparound Edition: DMI 230; LW 228	Student Edition: 240-241 <i>Read a Chart</i> 240 <i>Safety</i> R18 <i>Social Studies Link</i> 241 Teacher Wraparound Edition: DMI 240, R18; RC 240; SSL 241; WU 236

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STANDARD 5: SCIENCE AND TECHNOLOGY			
SCIENCE AND TECHNOLOGY – The student will have a variety of educational experiences that involve science and technology.			
Benchmark 1: The student will use technology to learn about the world around them.			
The student...	Flipbook: <i>Unit F Lesson 1 54</i>	Student Edition: <i>Explore 373, 381, 403, 411, 419</i>	Student Edition: <i>Explore 377, 385, 421</i>
1. explores the way things work.	Teacher Wraparound Edition: AQ 244; BS 246; FA 245; SF 244; UV 244	<i>Look and Wonder 372, 380</i> <i>Quick Lab 376, 384, 405, 414</i> <i>Reading in Science 378-379</i> <i>Think, Talk, and Write 385</i> Teacher Wraparound Edition: E 373, 381, 403, 411; IW 386; LW 372, 380; QL 376, 384, 405, 414; RS 378-379; WU 372	<i>Look and Wonder 384</i> <i>Quick Lab 380, 388, 407</i> Teacher Wraparound Edition: AE 377, 385; BS 389A-389B; DI 379, 387; E 377, 385, 421; ELLS 386; IW 389A; LW 384; QL 380, 388, 407
2. experiences science through technology.	Teacher Wraparound Edition: BS 246; IM 246	Student Edition: 266 <i>Reading in Science 284-285,</i> <i>312-313, 408-409</i> Teacher Wraparound Edition: ELLS 284; RS 284-285, 312-313, 408-409; SB 266	Student Edition: <i>Reading in Science 242-243,</i> <i>336-337</i> Teacher Wraparound Edition: RS 242-243, 336-337

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STANDARD 6: SCIENCE IN PERSONAL AND ENVIRONMENTAL PERSPECTIVES			
SCIENCE IN PERSONAL AND ENVIRONMENTAL PERSPECTIVES – The student will have a variety of experiences that provide understandings for various science-related personal and environmental challenges.			
Benchmark 1: The student will demonstrate responsibility for their own health.			
The student...	Teacher Wraparound Edition: LYB TR10	Student Edition: <i>Healthy Living</i> R14-R15 Teacher Wraparound Edition: APK R14-R15; DMI R14-R15; ELLS R14; EMI R14-R15; ER R15; UV R14-R15	Student Edition: <i>Healthy Living</i> R14-R15 Teacher Wraparound Edition: APK R14-R15; DMI R14-R15; ELLS R14; EMI R14-R15; ER R15; UV R14-R15
1. engages in personal care.			
2. discusses healthy foods.	Teacher Wraparound Edition: FP TR12; HM TR12	Student Edition: <i>Healthful Foods</i> R12-R13 Teacher Wraparound Edition: APK R12; DI R13; DMI R12-R13; EMI R12	Student Edition: <i>Healthful Foods</i> R12-R13 Teacher Wraparound Edition: APK R12-R13; DI R13; DMI R12-R13; EMI R12-R13; UV R12-R13
3. discusses that humans need to practice being safe.	Teacher Wraparound Edition: KS TR14; PS TR15; SB TR14	Student Edition: <i>Safety</i> R16-R18 <i>Safety Tips</i> 16 Teacher Wraparound Edition: APK R16-R17; DI R17; DMI R16-R17; ELLS R18; EMI R16-R17; ER R16; ST 16; UV R16-R17	Student Edition: <i>Safety</i> R16-R17 <i>Safety Tips</i> 16 Teacher Wraparound Edition: APK R16-R17; DMI R16-R17; ST 16; UV R16-R17

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STANDARD 7: HISTORY AND NATURE OF SCIENCE			
HISTORY AND NATURE OF SCIENCE – The student will experience scientific inquiry and learn about people from history.			
Benchmark 1: The student will know they practice science.			
The student...	Teacher Wraparound Edition: BS 102, 158, 236; IM 158, 236	Student Edition: <i>Explore</i> 209, 229, 381, 397, 419 Teacher Wraparound Edition: BS 371A-371B; E 209, 229, 381, 397, 419	Student Edition: <i>Explore</i> 237, 367, 415, 421 Teacher Wraparound Edition: BS 199A-199B, 419A-419B; E 237, 367, 415, 421
1. is involved in explorations that make his/her mind wonder and know that he/she is practicing science.			
2. uses <i>technology</i> to learn about people in science.	Teacher Wraparound Edition: SF 252	Student Edition: <i>Reading in Science</i> 206-207, 284-285 Teacher Wraparound Edition: AR 207, 285	Student Edition: <i>Careers in Science</i> 82, 216, 354, 434 Teacher Wraparound Edition: CS 82, 216, 354, 434