

Program Alignment Worksheet – High School

Publisher Name	Pearson
Program Title	Prentice Hall Chemistry (Wilbraham) © 2008; Event-Based Science © 2005
Computer Based?	
Requires Internet?	
Target Grades	9-12

Steps -

1. Complete *Program Information* table above.
2. Complete all curriculum grade tables below for your material (see separate documents for elementary and middle school materials).
3. **Please review printed worksheets to ensure legibility.**

NOTE: The primary goal of these worksheets is to facilitate a quick and accurate review of your materials. You may provide as many references as you like but list the most important first and consider that too many references may slow down or confuse the process. Our reviewers must be able to complete a review within 6 hours.

9th Grade - 12th Grade

Standard	Page(s) where taught (<i>If submission is not a text, cite appropriate resource(s)</i>)
EALR 1: Systems (SYS) - <i>Predictability and Feedback</i>	
9-12 SYSA	SE/TE: 340-341, 430-431, 478-479, 506, 716-717 TE only: FF 9 Event-Based Science: Representative Selections: <u>GOLD MEDAL!</u> 13-14 <u>BLACKOUT!</u> 14-15 <u>BLIGHT!</u> 35-36 <u>OIL SPILL!</u> 14 <u>EARTHQUAKE!</u> 25, 29, 34, 36-37 <u>GLOBAL WARMING!</u> 9, 10-11, 45

2009 K-12 SCIENCE INSTRUCTIONAL MATERIALS REVIEW – High School Grades

Page 1

SE = Student Edition TE = Teacher's Edition TR = Teaching Resources TECH = Technology
T = Transparency; GRSW = Guided Reading & Study Workbook; CTR = Core Teaching Resources; GO = Go Online;
SCLM = Small-Scale Chemistry Laboratory Manual; IT = Interactive Textbook with ChemASAP;
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Labs; DI = Differentiated Instruction (L1 – Less Proficient Readers, L2 – English Learners, L3 – Gifted and Talented);
FF – Facts and Figures

9-12 SYSB	SE/TE: 313, 376, 430-431, 478-479, 518-519, 716-717 TE only: FF 452, 478 Event-Based Science: Representative Selections: <u>OUTBREAK!</u> 46 <u>BLIGHT!</u> 18 <u>OIL SPILL!</u> 22-24 <u>TOXIC LEAK!</u> 17 <u>EARTHQUAKE!</u> 25, 29, 36
9-12 SYSC	SE/TE: 88, 376, 402 Event-Based Science: Representative Selections: <u>BLIGHT!</u> 35-36 <u>OIL SPILL!</u> 14, 39 <u>EARTHQUAKE!</u> 23, 25, 29, 34, 36-37 <u>FIRE!</u> 54-55 <u>BLACKOUT!</u> 4-6, 13
9-12 SYSD	SE/TE: 376-377, 430-431, 478-479, 506, 716-717 TE only: FF 430, 452, 478 Event-Based Science: Representative Selections: <u>BLACKOUT!</u> 14-15, 22-23 <u>FIRST FLIGHT!</u> 8-9 <u>THRILL RIDE!</u> 21-22, 36-37 <u>BLIGHT!</u> 35-36 <u>EARTHQUAKE!</u> 25, 29, 34, 36-37
EALR 2: Inquiry (INQ) - <i>Conducting Analyses and Thinking Logically</i>	
9-12 INQA	SE/TE: 6-11, 12-19, 20-27, 28-37 TE only: DI-L1 22; DI-L3 8; FF 9, 14, 19 TR: GRSW 1.1, 1.2, 1.3, 1.4; CTR 1.1, 1.2, 1.3, 1.4; LM 1; SSCLM 1 TECH: T1-T2, T3-T4, T5-T6, T7-T9; GO 1.1, 1.3; IT-Assessment 1.1, 1.2, 1.3, 1.4; IT-ProblemSolving 1.27, 1.29 Event-Based Science: Representative Selections: <u>FIRE!</u> 12-13, 16-17, 18-19,, 34-35, 58, 63 <u>BLIGHT!</u> 24, 38-39, 46 <u>GOLD MEDAL!</u> 36 <u>FIRST FLIGHT!</u> 17 <u>OUTBREAK!</u> 38

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9-12 INQB	<p>SE/TE: 20-27, 28-32 TE only: DI-L1 22 TR: GRSW 1.3, 1.4; CTR 1.3, 1.4; LM 1; SSCLM 1 TECH: T5-T6, T7-T9; GO 1.3; IT-Assessment 1.3, 1.4; IT-ProblemSolving 1.27, 1.29</p> <p>Event-Based Science: Representative Selections: FLOOD! 48-49 SURVIVE! 21, 30-31, 36-38, 48-49 ASTEROID! 10, 23-24, 42-43 GOLD RUSH! 20, 28 EARTHQUAKE! 14-15</p>
9-12 INQC	<p>SE/TE: 20-27, 28-32 TE only: DI-L1 22 TR: GRSW 1.3, 1.4; CTR 1.3, 1.4; LM 1; SSCLM 1 TECH: T5-T6, T7-T9; GO 1.3; IT-Assessment 1.3, 1.4; IT-ProblemSolving 1.27, 1.29</p> <p>Event-Based Science: Representative Selections: FIRST FLIGHT! 16, 21, 32-33 FLOOD! 20-21 OIL SPILL! 14, 22-24, 29, 38, 39, 43-44 TOXIC LEAK! 16, 20, 26-27, 34 SURVIVE! 21, 30-31, 36-38, 48-49</p>
9-12 INQD	<p>SE/TE: 20-27 TE only: DI-L1 22 TR: GRSW 1.3; CTR 1.3; LM 1; SSCLM 1 TECH: T5-T6; GO 1.3; IT-Assessment 1.3</p> <p>Event-Based Science: Representative Selections: ASTEROID! 10, 23-24, 42-43 GLOBAL WARMING! 8, 25-26, 41-42, 53 EARTHQUAKE! 14-15, 23, 29, 34 GOLD RUSH! 20, 28 FLOOD! 37</p>
9-12 INQE	<p>SE/TE: 20-27, 28-32 TE only: DI-L1 22 TR: GRSW 1.3, 1.4; CTR 1.3, 1.4; LM 1; SSCLM 1 TECH: T5-T6, T7-T9; GO 1.3; IT-Assessment 1.3, 1.4; IT-ProblemSolving 1.27, 1.29</p> <p>Event-Based Science: Representative Selections: FIRE! 15, 40-41 OUTBREAK! 5, 38, 44-45 FLOOD! 10, 48-49 OIL SPILL! 14, 38, 39 GLOBAL WARMING! 8, 25-26, 41-42, 53 EARTHQUAKE! 14-15, 23, 29, 34</p>

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9-12 INQF	<p>SE/TE: 20-27, 28-32 TE only: DI-L1 22 TR: GRSW 1.3, 1.4; CTR 1.3, 1.4; LM 1; SSCLM 1 TECH: T5-T6, T7-T9; GO 1.3; IT-Assessment 1.3, 1.4; IT-ProblemSolving 1.27, 1.29</p> <p>Event-Based Science: Representative Selections: FRAUD! 24 ASTEROID! 10, 23-24, 42-43 EARTHQUAKE! 14-15, 23, 29, 34 TOXIC LEAK! 16 GOLD RUSH! 20-21 FIRE! 63</p>
9-12 INQG	<p>SE/TE: 20-27 TE only: DI-L1 22 TR: GRSW 1.3; CTR 1.3; LM 1; SSCLM 1 TECH: T5-T6; GO 1.3; IT-Assessment 1.3</p> <p>Event-Based Science: Representative Selections: OUTBREAK! 44-45 BLIGHT! 10-11, 19, 27-28 ASTEROID! 10, 23-24, 42-43 GLOBAL WARMING! 8, 25-26, 41-42, 53, 63-64 EARTHQUAKE! 14-15, 23, 29, 34</p>
9-12 INQH	<p>SE/TE: 20-27 TE only: DI-L1 22 TR: GRSW 1.3; CTR 1.3; LM 1; SSCLM 1 TECH: T5-T6; GO 1.3; IT-Assessment 1.3</p> <p>Event-Based Science: Representative Selections: BLACKOUT! 48-49, 52-53 FLOOD! 20-21 ASTEROID! 10, 23-24, 42-43 GLOBAL WARMING! 8, 25-26, 41-42, 53, 63-64 EARTHQUAKE! 14-15, 23, 29, 34</p>

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EALR 3: Application (APP) - <i>Science, Technology, and Society</i>	
9-12 APPA	<p>SE/TE: 6-11, 12-19 TE only: DI-L3 8; FF 9, 14, 19 TR: GRSW 1.1, 1.2; CTR 1.1, 1.2 TECH: T1-T2, T3-T4; GO 1.1; IT-Assessment 1.1, 1.2</p> <p>Event-Based Science: Representative Selections: <u>OIL SPILL!</u> 2, 31-33, 40 <u>TOXIC LEAK!</u> 2-3, 6-7, 10-11, 18-19, 35 <u>SURVIVE!</u> 2, 6, 9, 14, 15, 16, 19, 24-25, 26, 28 <u>GLOBAL WARMING!</u> 14, 15, 27-28, 29-30, 58 <u>EARTHQUAKE!</u> 6-9, 23, 30, 34 <u>OUTBREAK!</u>: 46</p>
9-12 APPB	<p>SE/TE: 9-11, 12-19, 20-27, 43, 204-205, 340-341, 548 TE only: DI-L1 22, 205; DI-L3 341; FF 340 TR: GRSW 1.1, 1.2, 1.3; CTR 1.1, 1.2, 1.3; LM 1; SSCLM 1 TECH: T1-T2, T3-T4, T5-T6; GO 1.1, 1.3; IT-Assessment 1.1, 1.2, 1.3</p> <p>Event-Based Science: Representative Selections: <u>THRILL RIDE!</u> 11-12, 21-22, 25-33, 28-29 <u>FLOOD!</u> 20-21, 39 <u>TOXIC LEAK!</u> 33, 34 <u>ASTERIOD!</u> 50-51 <u>EARTHQUAKE!</u> 25, 29, 34, 36, 41</p>
9-12 APPC	<p>SE/TE: 88, 340-341, 376-377, 623 TE only: DI-L3 88, 341; FF 340, 376</p> <p>Event-Based Science: Representative Selections: <u>FIRE!</u> 15, 40-41 <u>FIRST FLIGHT!</u> 16 <u>TOXIC LEAK!</u> 33, 34 <u>ASTERIOD!</u> 50-51 <u>EARTHQUAKE!</u> 25, 29, 34, 36, 41</p>
9-12 APPD	<p>SE/TE: 28-32, 62-72, 73-79, 80-88 TE only: DI-L3 88; FF 29, 64; FE-L3 71 TR: GRSW 1.4, 3.1, 3.2, 3.3; CTR 1.4, 3.1, 3.2, 3.3; SSCLM 3-5 TECH: T7-T9, T20-T26, T27-T30, T31-T37; IT-Assessment 1.4, 3.1, 3.2, 3.3; IT-ProblemSolving 1.27, 1.29, 3.2, 3.3, 3.6, 3.8, 3.17, 3.28, 3.30, 3.33, 3.35, 3.37; IT-Animation 2, 3; GO 3.2</p> <p>Event-Based Science: Representative Selections: <u>BLIGHT!</u> 52, 53 <u>SURVIVE!</u> 32-33, 58, 59 <u>VOLCANO!</u>: 57, 59 <u>BLACKOUT!</u>: 60-61 <u>TORNADO!</u>: 54</p>

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9-12 APPE	<p>SE/TE: 9, 12-19, 376-377, 518-519, 548, 716-717 TE only: FF 14, 376, 377 TR: GRSW 1.2; CTR 1.2 TECH: T3-T4; IT-Assessment 1.2</p> <p>Event-Based Science: Representative Selections: <u>GOLD MEDAL!</u> 34-35 <u>BLACKOUT!</u> 10-11, 14-15, 26-27 <u>FLOOD!</u> 39 <u>EARTHQUAKE!</u> 14-15, 23, 29, 34 <u>ASTEROID!</u> 50-51</p>
9-12 APPF	<p>SE/TE: 9-11, 12-19, 340-341, 376-377, 463, 518-519, 791 TE only: FF 14, 19, 430 TR: GRSW 1.1, 1.2; CTR 1.1, 1.2 TECH: T1-T2, T3-T4; GO 1.1; IT-Assessment 1.1, 1.2</p> <p>Event-Based Science: Representative Selections: <u>TOXIC LEAK!</u> 2-3, 6-7, 35 <u>SURVIVE!</u> 2, 6, 9, 14, 15, 16, 19, 24-25, 26, 28, 32-33 <u>EARTHQUAKE!</u> 6-9, 23, 30, 34 <u>OUTBREAK!</u> 3, 34 <u>FLOOD!</u> 50 <u>BLIGHT!</u> 38</p>
EALR 4: Physical Science - Force and Motion (PS1) - <i>Newton's Laws</i>	
9-11 PS1A	<p>Event-Based Science: <u>FIRE!</u> 47-48, 59, 67, 68-69 <u>FIRST FLIGHT!</u> 5, 13, 21, 23-24, 28, 39, 40, 41, 48 <u>GOLD MEDAL!</u> 27, 28, 36, 37-38 <u>ASTEROID!</u> 20, 42-43, 51-52 <u>HURRICANE!</u> 1-2, 3, 4, 8-9, 15-16, 20-22 <u>FLOOD!</u> 52-53 <u>THRILL RIDE!</u> 1-2, 4-5, 6, 11-12, 21-22, 28-29, 36-37, 38-40, 43, 49 <u>TORNADO!</u> 19-20, 52-53, 59-60</p>
9-11 PS1B	<p>Event-Based Science: <u>FIRE!</u> 47-48, 59, 67, 68-69 <u>FIRST FLIGHT!</u> 5, 13, 21, 23-24, 28, 39, 40, 41, 48 <u>GOLD MEDAL!</u> 27, 28, 36, 37-38 <u>ASTEROID!</u> 20, 42-43, 51-52 <u>HURRICANE!</u> 1-2, 3, 4, 8-9, 15-16, 20-22 <u>FLOOD!</u> 52-53 <u>THRILL RIDE!</u> 1-2, 4-5, 6, 11-12, 21-22, 23, 28-29, 36-37, 38-40, 43, 49 <u>TORNADO!</u> 19-20, 52-53, 59-60</p>
9-11 PS1C	<p>Event-Based Science: <u>THRILL RIDE!</u> 4-5, 11-12, 14, 17, 23, 24, 30-31, 40, 52</p>

9-11 PS1D	Event-Based Science: <u>THRILL RIDE!</u> 4-5, 11-12, 14, 17, 23, 24, 30-31, 36-37, 38-39, 40, 41-42, 49, 52 <u>GOLD MEDAL!</u> 29 <u>ASTEROID!</u> 10, 11
9-11 PS1E	Event-Based Science: <u>THRILL RIDE!</u> 4-5, 11-12, 14, 17, 23, 24, 40, 47, 52 <u>GOLD MEDAL!</u> 26, 28-29, 34-35
9-11 PS1F	Event-Based Science: <u>THRILL RIDE!</u> 14, 16, 24, 32, 36-37, 47 <u>FIRST FLIGHT!</u> 8-9, 21, 23 <u>FRAUD!</u> 9-10 <u>TORNADO!</u> 6 <u>EARTHQUAKE!</u> 41 <u>ASTEROID!</u> 11, 22 <u>OIL SPILL!</u> 25
9-11 PS1G	Event-Based Science: <u>BLACKOUT!</u> 3, 7, 21, 32, 38, 54 <u>TORNADO!</u> 38
9-11 PS1H	Event-Based Science: <u>FRAUD!</u> 28-29 <u>BLACKOUT!</u> 7, 9, 26-27, 30, 31, 32, 34-35, 54
EALR 4: Physical Science - Matter: Properties and Change (PS2) - <i>Chemical Reactions</i>	
9-11 PS2A	SE/TE: 104-109; 110-120 TE only: DI-L1 111; DI-L3 106; FF 105, 115, 116 TR: GRSW 4.2, 4.3; CTR 4.2, 4.3; LM 5; SCLM Lab 6 TECH: T45-T47, T48-T56; GO 4.2, 4.3; IT – Animation 4; IT - Assessment 4.2, 4.3; IT – ProblemSolving 4.15, 4.17, 4.20, 4.21, 4.24; VCL 4-6 Event-Based Science: <u>FRAUD!</u> 9, 10 <u>BLACKOUT!</u> 7
9-11 PS2B	SE/TE: 110-120, 172-175, 187-193 TE only: DI-L1 188, 190; DI-L3 189 TR: GRSW 4.3, 7.1; CTR 4.3, 7.1; SCLM Lab 6, 10 TECH: T48-T56, T75-T78; GO 4.3, 7.1; IT – Animation 7; IT – Assessment 4.3, 7.1; IT – ProblemSolving 4.15, 4.17, 4.20, 4.21, 4.24, 7.1 Event-Based Science: <u>FRAUD!</u> 9, 10, 11-12, 17 <u>GOLD RUSH!</u> 1, 2-3, 4-6

9-11 PS2C	<p>SE/TE: 154-160, 161-169, 170-179 TE only: DI-L1 158; DI-L3 176; FF 162 TR: GRSW 6.1, 6.2, 6.3; CTR 6.1, 6.2, 6.3; LM Lab 9; SCLM Lab 9; LP 6-1, 6-2 TECH: T65-T66, T67-T69, T70-T74; GO 6.1, 6.2, 6.3; IT - Animation 7; IT -Assessment 6.1, 6.2, 6.3</p> <p>Event-Based Science: FRAUD! 9, 10 GOLDRUSH! 2-3, 4-6, 7</p>
9-11 PS2D	<p>SE/TE: 172-175, 187-193, 194-200 TE only: DI-L1 190, 195; DI-L3 192, 198 TR: GRSW 7.1, 7.2; CTR 7.1, 7.2; SCLM Lab 10; PLM 7.2 TECH: T75-T78, T79-T81; GO 7.1, 7.2; IT–Animation 7; IT–Assessment 7.1, 7.2; IT-ProblemSolving 7.1, 7.12; IT-Simulation 5; VCL 2</p>
9-11 PS2E	<p>SE/TE: 213-216, 217-229 TE only: DI-L1 221; FF 228 TR: GRSW 8.1, 8.2; CTR 8.1, 8.2; PLM-QuickLab p. 226 TECH: T85-T86, T87-T89; GO 8.1, 8.2; IT – Assessment 8.1, 8.2; IT-ProblemSolving 8.8, 8.10; IT–Simulation 6</p> <p>Event-Based Science: FRAUD! 9, 12, 17 VOLCANO! 24-26, 28, 5 GOLD RUSH! 37 GLOBAL WARMING! 10-11 Toxic Leak!: 42</p>
9-11 PS2F	<p>SE/TE: 692-701 TE only: DI-L1 694, 695; DI-L3 697; FF 698 TR: GRSW 22.1; CTR 22.1 TECH: T253-T255; GO 22.1; IT-Animation 28; IT-ProblemSolving 22.1, 22.3, 22.6; IT-Assessment 22.1</p> <p>Event-Based Science: FRAUD! 14 FIRE! 56-57, 62 GOLD RUSH! GLOBAL WARMING! 10-11, 12-13, 16 TOXIC LEAK! 41-42</p>

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9-11 PS2G	<p>SE/TE: 320-329, 330-341, 342-351, 505-510 TE only: DI-L1 326, 328, 343; DI-L3 334, 337; FF 335 TR: GRSW 11.1, 11.2, 11.3, 17.1; CTR 11.1, 11.2, 11.3, 17.1; SSCLM 14, 15, 16, 17; LM 14, 15, 16, 17, 18, 34; LP 11-2, 11-3, 11-4, 11-5 TECH: T113-T117, T118-T120, T121, T180-T182; GO 11.1, 11.2, 17.1; IT-Animation 12; IT-Simulation 11, 12; IT-ProblemSolving 11.2, 11.4, 11.6, 11.14, 11.15, 11.17, 11.18, 11.21, 11.28, 17.2, 17.4; IT-Assessment 11.1, 11.2, 11.3, 17.1; VCL 16</p> <p>Event-Based Science: FRAUD! 12, 21-22 FIRE! 8-9, 10-11, 24-25, 26, 40-41, 44-45, 50-51, 53, 58, 62 GOLD MEDAL! 13 VOLCANO! 51 GOLD RUSH! 2, 4-6 GLOBAL WARMING! 10-11</p>
9-11 PS2H	<p>SE/TE: 450-458, 459-469, 470-479, 594-604 TE only: DI-L1 473, 474; DI-L2 595; FF 478, 596 TR: GRSW 15.2, 15.3, 16.1, 19.2; CTR 15.2, 15.3, 16.1, 19.2; LM 26-29, 30, 31, 40; SSCLM 22-24, 26, 30; LP 15.1; PLM 15.2 TECH: T162-T165, T166-168, T169-T170, T215-T222; VCL 21; GO 15.2, 15.3, 16.1, 19.2; IT-Simulation 18, 19, 20; IT-ProblemSolving 15.6, 16.2, 19.10, 19.12, 19.14, 19.15; IT-Assessment 15.2, 15.3, 16.1, 19.2</p> <p>Event-Based Science: FRAUD! 10-12, 16, 21-22, 23, 26 FLOOD! 21 GOLD RUSH! 2-3, 37-38 GLOBAL WARMING! 41-42, 61-62 TOXIC LEAK! 47 BLIGHT! 10-11</p>
9-11 PS2I	<p>SE/TE: 540-548 TE only: DI-L1 542; FF 545 TR: GRSW 18.1; CTR 18.1; LM Labs 36, 37; SCLM Lab 28 TECH: T196-T198; GO 18.1; IT-Animation 22; IT-Assessment 18.1; IT-Simulation 23</p> <p>Event-Based Science: FIRE! 10-11, 26, 50-51, 54-55, 59 TOXIC LEAK! 30, 46</p>
9-11 PS2J	<p>SE/TE: 112-117, 798-802, 803-809, 814-815, 816-819 TE only: DI-L1 805, 807; DI-L3 815; FF 115, 116, 804, 814, 818 TR: GRSW 25.1, 25.2, 25.4; CTR 25.1, 25.2, 25.4; SSCLM 41; LM 52; PLM 25.4 TECH: T286-T288, T289-T292, T294; GO 4.3, 25.2, 25.4; IT-ProblemSolving 4.20, 4.21, 4.24, 25.7; IT-Assessment 25.1, 25.2, 25.4; IT-Simulation 30</p> <p>Event-Based Science: FRAUD! 17</p>

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9-11 PS2K	SE/TE: 810-813 TE only: DI-L2 811; DI-L3 811; FF 812 TR: GRSW 25.3; CTR 25.3 TECH: T293; IT-Animation 30; IT-Assessment 25.3 Event-Based Science: <u>FIRE!</u> 58
EALR 4: Physical Science - Energy: Transfer, Transformation, & Conservation (PS3) - <i>Transformation & Conservation of Energy</i>	
9-11 PS3A	SE/TE: 53-56, 505-510 TE only: FF 509 TR: GRSW 2.4, 17.1; CTR 2.4, 17.1; LM 2, 3, 34; LP 2-1; SSCLM 2 TECH: T18-T19, T180-T182; IT-ProblemSolving 17.2, 17.4; IT-Assessment 2.4, 17.1; GO 2.4, 17.1; VCL 16 Event-Based Science: <u>THRILL RIDE!</u> 11-12, 17, 21-22, 24, 35-37 <u>FIRE!</u> 10-11, 50-51, 53, 54-55, 58, 62 <u>BLACKOUT!</u> 9, 10-11, 12, 14-15, 21, 34-35 <u>GLOBAL WARMING!</u> 20
9-11 PS3B	SE/TE: Can be developed from 384-389, 390-395 TR: GRSW 13.1, 13.2; CTR 13.1, 13.2; SSCL 20 TECH: T139-T141, 142-T144; IT-ProblemSolving 13.1; IT-Animation 14, 15, 16; IT-Assessment 13.1, 13.2; GO 13.1 Event-Based Science: <u>THRILL RIDE!</u> 11-12, 17, 21-22, 24, 35, 36-37
9-11 PS3C	Event-Based Science: <u>THRILL RIDE!</u> 11-12, 17, 21-22, 24, 35, 43
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Labs; DI = Differentiated Instruction (L1 – Less Proficient Readers, L2 – English Learners, L3 – Gifted and Talented);
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