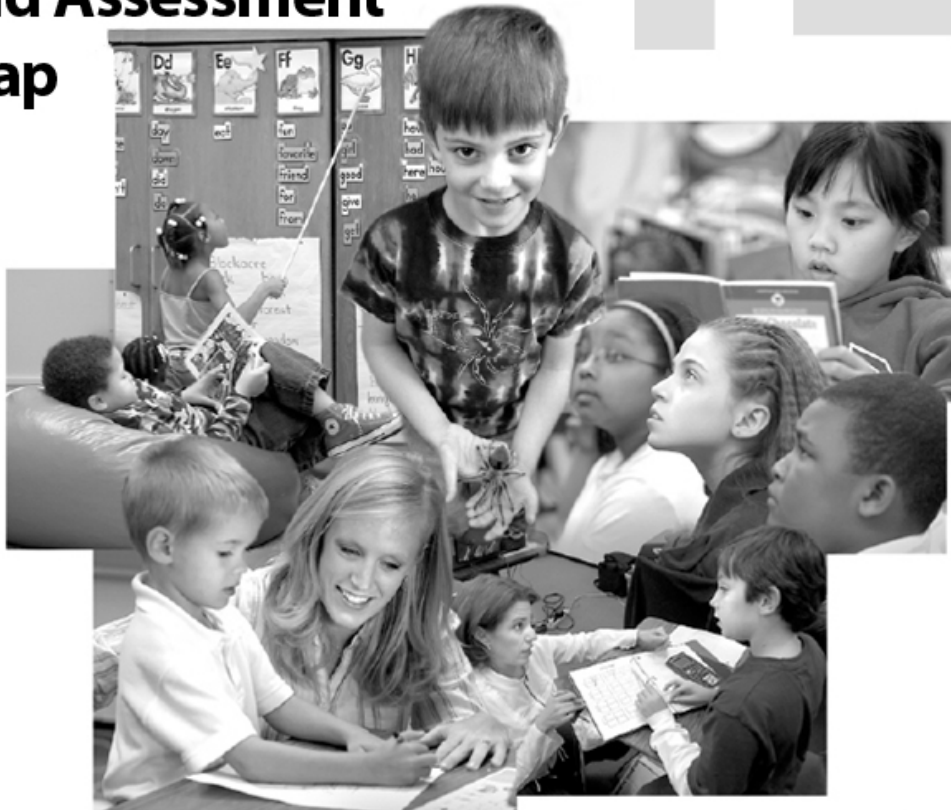


Jefferson County
Public Schools

2010 - 11 Curriculum and Assessment Map

P4



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2010-11 Curriculum Map

Welcome to the 2010-11 school year. The Curriculum and Assessment Map is an instructional tool developed to assist you with the sequence and pacing of lessons. Your consistent use of the Curriculum and Assessment Map will ensure that all Jefferson County Public School (JCPS) students are prepared for assessment and can perform academically at the proficient level.

Teachers across the district will be able to prevent gaps in learning when students transition from teacher to teacher or move from school to school only if a clear and consistent guide is followed. For more detailed and helpful information about daily instruction, teachers should refer to other JCPS curriculum documents specific to the content you are teaching. Our other curriculum documents, available through the Gheens Curriculum website, offer teachers a wealth of content-specific instructional strategies and activities, accommodations for diverse learners, instructional resources, extensions for enrichment, technology connections, sample lesson plans, and assessments in each academic area.

Sheldon H. Berman, Ed.D. Superintendent

Pat Todd, Executive Director JCPS Sheens Academy for Curricular Excellence and Instructional Leadership/Student Assignment

Amy Dennes, Assistant Superintendent

Kim Goff, Director, Analytical and Applied Sciences

Paul Graseck, Director, Cultural Studies

Lue Peabody, Director, Literacy, Student Development, Title I and ESS

2010-11 Curriculum - 11

Map Overview of Grade Level Expectation—P4

P4 Reading

The P4 Reading Program continues a focus on decoding, structural analysis and phonics. Students read fluently, utilizing a variety of comprehension strategies while navigating through a variety of fiction and nonfiction text genres. Students recognize and can read and spell most high frequency words and content vocabulary. Running Records, Rigby Oral Reading Fluency Checklists, Rigby Benchmarks, DRA/DRA2 and Proficiency Assessments are used to inform instruction, monitor learning and report progress.

The Reading Map reflects a suggested schedule for the Reading Workshop. Rigby Literacy Shared Reading text or other text may be used during whole group instruction for the mini lesson. The skills, strategies, and Core Content on the map are based on what is taught during the mini lesson. The work session, which follows the mini lesson, provides a time for small group and independent reading instruction, conferencing, response and reflection. The workshop concludes with a time for students to share. Rigby Literacy, Literacy By Design, Pinnell & Fountas Word Study, and Core Content Guided Practices lessons are examples of materials to support Reading Workshop. Additional tools and resources to support reading instruction are available on JCPS Online.

P4 Writing

Students will use the writing process to produce a collection of pieces of writing for a variety of authentic purposes and audiences and in a variety of forms, including personal, literary, transactive and reflective.

The Writing Map reflects a suggested schedule for the writing skills, strategies, and Core Content that are taught during the school year through a workshop model. The Writing Workshop includes a mini lesson, work time, and share. Writing skills, strategies and processes are taught to the whole class during the mini lesson. The work session provides a time for small group or independent writing instruction, conferencing, response and reflection. The workshop concludes with a time for students to share. Writing lessons, tools and resources are available on JCPS Online.

P4 Mathematics

Instructional time should focus on four critical areas: (1) developing understanding of multiplication and division and strategies for multiplication and division within 100; (2) developing understanding of fractions, especially unit fractions (fractions with numerator 1); (3) developing understanding of the structure of rectangular arrays and of area; and (4) describing and analyzing two-dimensional shapes.

NOTE: Underlined information reflects the Elementary Report Card language.

P4 Science

Students will investigate the structure and function relationship of various plants and animals. They will observe the behavior of organisms in their habitats. Students will investigate and compare the properties of rocks and minerals. The students will investigate sound and its properties of volume and pitch. They will investigate light in order to generalize about its behavior and path of travel. They will investigate heat and materials that conduct it.

NOTE: Underlined information reflects the Elementary Report Card language.

P4 Social Studies

Our Community and Other Communities Near and Far

The P4 Social Studies Program continues the study of the five strands of social studies as students explore diverse communities. Students examine the geography and history of Louisville and Jefferson County and learn about local government and the local economy. Rural, urban, and suburban communities are also examined.

P4 Health, Physical Education, Consumerism, Vocational Studies

Health

This strand continues to promote responsible and respectful behaviors.

Physical Education

The students continue to demonstrate basic movement skills through games and activities. Sportsmanship and appropriate rules of behavior are embedded within the variety of physical activities.

Consumerism

The continuing emphasis of consumerism focuses on influences on consumer choices, the impact of those choices on the environment, and strategies for developing smart consumer skills.

Vocational Studies

Students identify technology tools that are used in homes and schools.

P4 Arts and Humanities

The Arts and Humanities program in P4 continues an exploration of the art forms of dance, drama/theatre, music, and visual art. Emphasis is placed on exposing students to a variety of arts through creating and performing experiences in all four art forms. This curriculum map gives suggestions to classroom teachers to reinforce, connect and integrate the arts into other content areas. Visual art, music, and A&H teachers will use the content specific curriculum maps provided by the district Arts & Humanities and Music Specialists as templates to design their own maps which are tailored to the arts disciplines and time parameters they've been given to teach in their own schools.

Instructional Contact Information

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Curriculum and Assessment Map
First Grading Period—ends September 23, 2010

P4

Week of	Week 1: 8/17	Week 2: 8/23	Week 3: 8/30	Week 4: 9/7	Week 5: 9/13	Week 6: 9/20
Assessments		MDA #1	MDA #1			RDA #1, MPA #1
Reading Workshop • Mini Lesson • Work Time • Share	The Big Fitz CCGP Lessons: 1, 2, 3 Core Content: 1.0.2, 1.0.4, 2.0.3, 2.0.4, 2.0.7, 3.0.4, 5.0.3 Comprehension Strategy: Summarizing Literacy Skills: Suffixes, nonfiction text features; vocabulary: comparative words that describe; colloquial expressions, English measurement terms Writing Connections: topic sentences with supporting sentences			Tell Me a Story CCGP Lessons: 4 & 5 Core Content: 1.0.1, 1.0.3, 1.0.4, 2.0.1, 2.0.3, 2.0.5, 2.0.7, 3.0.4, 3.0.6, 5.0.3 Comprehension Strategy: Asking Questions Literacy Skills: Compound words, descriptive language and imagery, type of genre (historical fiction); vocabulary: nouns that name people and descriptive words Writing Connections: writing a narrative		
Writing Workshop	Building Writing Community <ul style="list-style-type: none"> Lessons on routines/procedures, implementing writer's notebook, conventions of print as needed Independent writing: notebook entries to practice skills, collect ideas for future writing 					
Math	Trading Stickers, Combining Coins (Unit 1) Addition, Subtraction, and the Number System 1 <u>Numbers and Operations: Understands number and operation concepts</u> <u>Numbers and Operations: Demonstrates number and operation procedures accurately and efficiently</u> <u>Mathematical Reasoning: Uses mathematical reasoning to solve problems and justify answers</u> <ul style="list-style-type: none"> Demonstrate fluency with the addition combinations up to 10 + 10 Add multiples of 10 (up to 100) to and subtract them from 2- and small 3-digit numbers Solve addition problems with 2-digit numbers using strategies that involve breaking numbers apart by place or adding one number in parts Break up 3-digit numbers (less than 200) into 100s, 10s, and 1s in different ways Find combinations of 2-digit numbers that add to 100 or \$1.00 			Surveys and Line Plots (Unit 2) Data Analysis <u>Data: Organizes, represents, and interprets data accurately and efficiently</u> <u>Mathematical Reasoning: Uses mathematical reasoning to solve problems and justify answers</u> <ul style="list-style-type: none"> Organize, represent, and describe categorical data, choosing categories that help make sense of the data Interpret a bar graph Make a line plot for a set of numerical data Describe the shape of the data for a numerical data set, including where data are concentrated, where there are few data, what the lowest and highest values are, what the mode is, and where there is an outlier Summarize a set of data, describing concentrations of data and what those concentrations mean in terms of the situation the data represent 		
Science	Inquiry Mini Unit		Structures of Life <u>Life Science: Demonstrates an understanding of basic needs of organisms, how the environment meets those needs, life cycles, and the structures and functions of organisms</u> <u>Scientific Inquiry: Demonstrates appropriate use of observation, questioning, data organization and analysis, evidence-based claims, and science notebooking skills</u> <ul style="list-style-type: none"> Structure and function in plants and animals Observation of animal behavior 			
Social Studies	Government/Civics: Building Community/Rules, Laws, and Citizenship (SS-EP-1.1.2, 1.3.1, 1.3.2)					Government Civics: Levels and Branches of Government (SS-EP-1.2.1)
Practical Living	Health (Personal Wellness): Effective social interaction skills	Health (Personal Wellness): Stress Management, Problem Solving	Health (Personal Wellness): Conflict resolution and communication	Health (Behavioral Choices): Diet, exercise, and rest affect body systems	Health (Behavioral Choices): Good hygiene promotes good health	Health (Behavioral Choices): Behavioral choices have consequences
Arts and Humanities (classroom connections)	Music/Visual Art (Science connection): <ul style="list-style-type: none"> Play Carnival of Animals by Saint-Saens. Have students identify the instruments used to depict animals. Produce an artwork that shows plants and/or animals and that stresses the art elements of line, shape, color, and texture and the principles of design, balance and emphasis (focal point). 					

MDA = Math Diagnostic Assessment, MPA = Math Proficiency Assessment
 RDA = Reading Diagnostic Assessment, RPA = Reading Proficiency Assessment
 SSPA= Social Studies Proficiency Assessment
 SPA = Science Proficiency Assessment

**Curriculum and Assessment Map
Second Grading Period—ends November 5, 2010**

P4

Week of	Week 7: 9/27	Week 8: 10/5	Week 9: 10/11	Week 10: 10/18	Week 11: 10/25	Week 12: 11/1
Assessment	MPA #1				SPA #1	RPA #1, MDA #2
Reading Workshop • Mini Lesson • Work Time • Share	Choose a text from the bookroom that matches the comprehension strategy focus. Follow lesson plan format for <u>The Big Fitz</u> , TG pgs. 2-9. CCGP Lessons: 6 & 7 Core Content: 1.0.4, 2.0.2, 2.0.3, 2.0.5, 2.0.7, 3.0.1, 3.0.4, 5.0.2, 5.0.3 Comprehension Strategy: Summarizing Literacy Skills: Suffixes, captions, nonfiction text features & graphic elements; vocabulary is dependent on text Writing Connections: Topic sentences with supporting sentences	Choose a text from the bookroom that matches the comprehension strategy focus. Follow lesson plan format for <u>Tell Me a Story</u> , TG pgs. 10-17. CCGP Lessons: 8 & 9 Core Content: 1.0.2, 2.0.1, 2.0.2, 2.0.3, 2.0.7, 3.0.1, 3.0.5, 5.0.1, 5.0.3 Comprehension Strategy: Asking Questions Literacy Skills: Compound words, descriptive language and imagery, type of genre (historical fiction); vocabulary is dependent on text Writing Connections: Writing a narrative	Fossils CCGP Lesson: 10 Core Content: 1.0.2, 1.0.5, 2.0.3, 2.0.4, 2.0.5, 2.0.7, 3.0.5, 5.0.3 Comprehension Strategy: Making Connections Literacy Skills: Compound words, dialogue in a text, time lines; vocabulary includes words related to reptiles Writing Connections: demonstrating an understanding of expository forms of writing; question and answer			
Writing Workshop	Personal/Expressive • Lessons on writing process and characteristics/skills related to personal narrative or <u>memoir</u> • Independent writing: students use writing process to create pieces					
Math	Surveys and Line Plots (Unit 2) Data Analysis <u>Data: Organizes, represents, and interprets data accurately and efficiently</u> <u>Mathematical Reasoning: Uses mathematical reasoning to solve problems and justify answers</u> • Organize, represent, and describe categorical data, choosing categories that help make sense of the data • Interpret a bar graph • Make a line plot for a set of numerical data • Describe the shape of the data for a numerical data set, including where data are concentrated, where there are few data, what the lowest and highest values are, what the mode is, and where there is an outlier • Summarize a set of data, describing concentrations of data and what those concentrations mean in terms of the situation the data represent			Collections and Travel Stories (Unit 3) Addition, Subtraction, and the Number System 2 <u>Numbers and Operations: Understands number and operation concepts</u> <u>Numbers and Operations: Demonstrates number and operation procedures accurately and efficiently</u> <u>Mathematical Reasoning: Uses mathematical reasoning to solve problems and justify answers</u> • Read, write, and sequence numbers up to 1,000 • Identify the value of each digit in a 3-digit number • Identify how many groups of 10 are in a 3-digit number • Solve addition problems with 3-digit numbers (up to 400) by using strategies that involve breaking numbers apart, either by place value or by adding one number in parts • Solve subtraction story problems in contexts that include removing a part from a whole, comparing 2 quantities, or finding the missing part • Solve subtraction problems with 2- and 3-digit numbers (up to 300) by using strategies that involve either subtracting one number in parts, adding up, or subtracting back		
Science	Structures of Life <u>Life Science: Demonstrates an understanding of basic needs of organisms, how the environment meets those needs, life cycles, and the structures and functions of organisms</u> <u>Scientific Inquiry: Demonstrates appropriate use of observation, questioning, data organization and analysis, evidence-based claims, and science notebooking skills</u> • Structure and function in plants and animals • Observation of animal behavior				Physics of Sound Physical Science (See weeks 13 – 20)	
Social Studies	Government/Civics: Levels and Branches of Government (SS-EP-1.2.1)		Social Studies Tools (SS-EP-5.1.1)		Culture and Society: Social Groups and Cultural Diversity (SS-EP-2.1.2)	
Practical Living	Health (behavioral) social/emotional health	Health: Safety practices	Health Emergency assistance procedures	Health Health hazards	Health Transportation safety	Health Nutrients
Arts and Humanities (classroom connections)	Dance (Social Studies connection): Explore how Native American dances mimic animal behaviors. Create a dance for an animal using the dance elements of space, time, and force.					

**Curriculum and Assessment Map
Third Grading Period—ends December 17, 2010**

P4

Week of	Week 13: 11/9	Week 14: 11/15	Week 15: 11/22	Week 16: 11/29	Week 17: 12/6	Week 18: 12/13
Assessments	MDA #2					RDA #2, MPA #2
Reading Workshop • Mini Lesson • Work Time • Share	Where's My Camera? CCGP Lesson: PA Re-teaching, 11 Core Content: 1.0.2, 2.0.1, 2.0.3, 2.0.4, 2.0.7, 3.0.3, 3.0.4 Comprehension Strategy: Considering author's viewpoint, purpose, and style Literacy Skills: Compound words, humor in text, types of nonfiction (journal); vocabulary includes American slang Writing Connections: Using author's style as a model for writing		Choose a text from the bookroom that matches the comprehension strategy focus. Follow the lesson plan format for <u>Fossils</u>, TG pgs. 18-25. CCGP Lesson: 12 Core Content: 1.0.2, 2.0.2, 2.0.3, 2.0.4, 2.0.5, 2.0.7, 3.0.1, 4.0.1 Comprehension Strategy: Making Connections Literacy Skills: Compound words, dialogue in a text, time lines; vocabulary is dependent on text Writing Connections: Writing a narrative		Choose a text from the bookroom that matches the comprehension strategy focus. Follow the lesson plan format for <u>Where's My Camera?</u> TG pgs. 26-33. CCGP Lesson: 13 Core Content: 1.0.1, 1.0.2, 2.0.1, 2.0.2, 2.0.3, 2.0.7, 3.0.1, 3.0.3 Comprehension Strategy: Considering author's viewpoint, purpose, and style Literacy Skills: Compound words, humor in text, type of nonfiction (journal); vocabulary is dependent on text Writing Connections: demonstrating an understanding of expository forms of writing; question and answer	
Writing Workshop	Transactive • Lessons on characteristics and skills related to <u>feature articles</u> , narrative articles or persuasive letters • Independent writing: students use writing process to create pieces					
Math	Collections and Travel Stories (Unit 3) Addition, Subtraction, and the Number System 2 Numbers and Operations: Understands number and operation concepts Numbers and Operations: Demonstrates number and operation procedures accurately and efficiently Mathematical Reasoning: Uses mathematical reasoning to solve problems and justify answers • Read, write, and sequence numbers up to 1,000 • Identify the value of each digit in a 3-digit number • Identify how many groups of 10 are in a 3-digit number • Solve addition problems with 3-digit numbers (up to 400) by using strategies that involve breaking numbers apart, either by place value or by adding one number in parts • Solve subtraction story problems in contexts that include removing a part from a whole, comparing 2 quantities, or finding the missing part • Solve subtraction problems with 2- and 3-digit numbers (up to 300) by using strategies that involve either subtracting one number in parts, adding up, or subtracting back			Perimeter, Angles, and Area (Unit 4) 2-D Geometry and Measurement Geometry: Understands geometric concepts Measurement: Understands the concepts of measurement Measurement: Measures accurately and efficiently Mathematical Reasoning: Uses mathematical reasoning to solve problems and justify answers • Identify and measure the perimeter of a figure using U.S. standard and metric units • Identify and find the area of given figures by counting whole and partial square units • Identify triangles as three-sided closed figures with three vertices and three angles • Identify right angles, and recognize whether an angle is larger or smaller than a right angle		
Science	Physics of Sound Physical Science: Demonstrates an understanding of properties of sound Scientific Inquiry: Demonstrates appropriate use of observation, questioning, data organization and analysis, evidence-based claims, and science notebooking skills • Sound discrimination • Volume and pitch					
Social Studies	History: Learning about the Past (SS-EP-5.2.3)			History: History of Louisville and Jefferson County (SS-EP-5.1.1)		
Practical Living	PE (Lifetime Physical Wellness): Cardio respiratory endurance	PE (Lifetime Physical Wellness): FITT Principle	PE (Lifetime Physical Wellness): Rules and fair play	PE (Fitness): Healthy weight	PE (Fitness): Physical benefits of fitness	PE (Fitness): Social benefits of fitness
Arts and Humanities (classroom connections)	Visual Art (Math connection): Draw floor plans of several rooms using different square units. Measure the perimeter. Choose one floor plan to complete as drawing showing furniture placement, location of doors and windows, etc. Use a warm or cool color scheme to complete.					

**Curriculum and Assessment Map
Fourth Grading Period—ends February 11, 2010**

P4

Week of	Week 19: 1/3	Week 20: 1/10	Week 21: 1/18	Week 22: 1/24	Week 23: 1/31	Week 24: 2/7
Assessments	MPA #2	RPA #2		SPA #2	RDA #3	MDA #3
Reading Workshop <ul style="list-style-type: none"> • Mini Lesson • Work Time • Share 	The Great Chase CCGP Lesson: 14 Core Content: 2.0.2, 2.0.7, 3.0.1 Comprehension Strategy: Making and Confirming Predictions Literacy Skills: Inflected endings, descriptive language and imagery, point of view; vocabulary includes action words Writing Connections: Persuasive writing		How Does It Work? CCGP Lesson: PA Re-teaching Core Content: 1.0.1, 1.0.5, 2.0.4, 4.0.1, 5.0.3 Comprehension Strategy: Making Connections Literacy Skills: Vowel diphthongs, sentences and paragraphs, graphic elements (simple diagrams); vocabulary includes technical terms Writing Connections: Using author's style as a model for writing		Choose a text from the bookroom that matches the comprehension strategy focus. Follow the lesson plan format for <u>The Great Chase</u>, TG pgs. 34-41. CCGP Lesson: 15 Core Content: 1.0.1, 2.0.1, 2.0.4, 2.0.7, 3.0.4, 3.0.5, 3.0.6, 5.0.3 Comprehension Strategy: Making and Confirming Predictions Literacy Skills: Inflected endings, descriptive language and imagery, point of view; vocabulary is dependent on text Writing Connections: Persuasive writing	
Writing Workshop	Literary <ul style="list-style-type: none"> • Lessons on characteristics/skills related to short story or <u>poetry</u> • Independent writing: students use writing process to create pieces • Independent writing: students generate a reflective entry 					
Math	Perimeter, Angles, and Area (Unit 4) 2-D Geometry and Measurement <u>Geometry: Understands geometric concepts</u> <u>Measurement: Understands the concepts of measurement</u> Measurement: Measures accurately and efficiently <u>Mathematical Reasoning: Uses mathematical reasoning to solve problems and justify answers</u> <ul style="list-style-type: none"> • Identify and measure the perimeter of a figure using U.S. standard and metric units • Identify and find the area of given figures by counting whole and partial square units • Identify triangles as three-sided closed figures with three vertices and three angles • Identify right angles, and recognize whether an angle is larger or smaller than a right angle 		Equal Groups (Unit 5) Multiplication and Division <u>Numbers and Operations: Understands number and operation concepts</u> <u>Numbers and Operations: Demonstrates number and operation procedures accurately and efficiently</u> <u>Mathematical Reasoning: Uses mathematical reasoning to solve problems and justify answers</u> <ul style="list-style-type: none"> • Demonstrate an understanding of multiplication and division as involving groups of equal groups • Solve multiplication combinations and related division problems by using skip counting or known multiplication combinations • Interpret and use multiplication and division notation • Demonstrate fluency of multiplication combinations with products up to 50 (by the end of Grade 3) 			
Science	Physics of Sound <u>Physical Science: Demonstrates an understanding of properties of sound</u> <u>Scientific Inquiry: Demonstrates appropriate use of observation, questioning, data organization and analysis, evidence-based claims, and science notebooking skills</u> <ul style="list-style-type: none"> • Sound discrimination • Volume and pitch 				Light and Heat Mini Unit <u>Physical Science: Demonstrates an understanding of properties of light and heat</u> <u>Scientific Inquiry: Demonstrates appropriate use of observation, questioning, data organization and analysis, evidence-based claims, and science notebooking skills</u> <ul style="list-style-type: none"> • Properties of light and heat • Heat insulators and conductors 	
Social Studies	History: Learning about the Past (SS-EP-5.2.3)			History: History of Louisville and Jefferson County (SS-EP-5.1.1)		
Practical Living	PE (Lifetime Physical Wellness): Cardio respiratory endurance	PE (Lifetime Physical Wellness):FITT Principle	PE (Lifetime Physical Wellness): Rules and fair play	PE (Fitness): Healthy weight	PE (Fitness): Physical benefits of fitness	PE (Fitness): Social benefits of fitness
Arts and Humanities (classroom connections)	Music (Science connection): Discuss and demonstrate how string instruments produce sounds differently from brass instruments.					

**Curriculum and Assessment Map
Fifth Grading Period—ends March 25, 2010**

P4

Week of	Week 25: 2/15	Week 26: 2/21	Week 27: 2/28	Week 28: 3/7	Week 29: 3/14	Week 30: 3/21
Assessments	MDA #3, SPA #3			RPA #3		MPA #3
Reading Workshop • Mini Lesson • Work Time • Share	Choose a text from the bookroom that matches the comprehension strategy focus. Follow the lesson plan format for <u>How Does It Work?</u> , TG pgs. 42-49. CCGP Lesson: 16 Core Content: 1.0.1, 1.0.5, 2.0.2, 2.0.4, 2.0.7, 3.0.1, 4.0.1 Comprehension Strategy: Making Connections Literacy Skills: Vowel diphthongs, sentences and paragraphs, graphic elements (simple diagrams); vocabulary is dependent on text Writing Connections: Using author's style as a model for writing		Foiled Again CCGP Lesson: 17 Core Content: 1.0.2, 2.0.2, 2.0.3, 2.0.4, 2.0.7, 3.0.1, 5.0.4 Comprehension Strategy: Recognizing cause and effect Literacy Skills: Compound words, humor in text, story elements (plot, sequence of events); vocabulary includes key words that signal cause and effect Writing Connections: Writing a narrative		What Am I? CCGP Lesson: PA Re-teaching, 18 Core Content: 1.0.1, 1.0.2, 2.0.1, 2.0.2, 2.0.3, 2.0.4, 2.0.7, 3.0.1 Comprehension Strategy: Classifying and categorizing information Literacy Skills: Spelling patterns, understanding sentences, recognizing and using types of nonfiction (reference); vocabulary includes animal terms, plurals Writing Connections: Demonstrating an understanding of expository types of writing	
Writing Workshop	Personal • Lessons on characteristics/skills related to personal narrative or <u>memoir</u> • Independent writing: students use writing process to create pieces • Independent writing: students generate a reflective entry					
Math	Equal Groups (Unit 5) Multiplication and Division <u>Numbers and Operations: Understands number and operation concepts</u> <u>Numbers and Operations: Demonstrates number and operation procedures accurately and efficiently</u> <u>Mathematical Reasoning: Uses mathematical reasoning to solve problems and justify answers</u> • Demonstrate an understanding of multiplication and division as involving groups of equal groups • Solve multiplication combinations and related division problems by using skip counting or known multiplication combinations • Interpret and use multiplication and division notation • Demonstrate fluency of multiplication combinations with products up to 50 (by the end of Grade 3)		Stories, Tables, and Graphs (Unit 6) Patterns, Functions, and Change <u>Measurement: Understands concepts of measurement</u> <u>Patterns and Relationships: Identifies, creates, and analyzes patterns</u> <u>Numbers and Operations: Demonstrates number and operation procedures accurately and efficiently</u> <u>Data: Organizes, represents, and interprets data accurately and efficiently</u> <u>Mathematical Reasoning: Uses mathematical reasoning to solve problems and justify answers</u> • Interpret graphs of change over time, including both the meaning of points on the graph and how the graph shows that values are increasing, decreasing, or staying the same • Interpret temperature values • Create a table of values for a situation with a constant rate of change and explain the values in the table in terms of the situation • Compare related situations with a constant rate of change by interpreting the graphs, tables, and sequences that represent those situations		Find Fair Shares (Unit 7) Fractions and Decimals (see weeks 31-33)	
Science	Earth Materials <u>Earth Science: Demonstrates an understanding of properties of earth materials</u> <u>Scientific Inquiry: Demonstrates appropriate use of observation, questioning, data organization and analysis, evidence-based claims, and science notebooking skills</u> • Rocks and Minerals					
Social Studies	Geography: Different Kinds of Communities (SS-EP-4.4.1)			Geography: Geography of Louisville and Jefferson County (SS-EP-4.3.1)		
Practical Living	PE (Fitness): Importance of practice for improvement			Consumerism (Consumer decisions/ advertising): Accessing consumer information	Consumerism (Financial literacy): Making financial decisions	Consumerism (Community/ environment): Reduce, reuse, recycle
Arts and Humanities (classroom connections)	Visual Art (Practical Living and Social Studies connections): • Create a poster to show need for community to reduce, reuse, and recycle. • Create a map or model showing the different geographic areas of Jefferson County. Use the art elements of line, shape, color, texture, and form.					

**Curriculum and Assessment Map
Sixth Grading Period—ends May 26**

P4

Week of	Week 31: 3/28	Week 32: 4/11	Week 33: 4/18	Week 34: 4/25	Week 35: 5/2 Week 36: 5/9	Week 37: 5/16 Week 38: 5/23
Assessments	MPA #3		KCCT		ITBS	SPA #4
Reading Workshop • Mini Lesson • Work Time • Share	Choose a text from the bookroom that matches the comprehension strategy focus. Follow the lesson plan format for <u>Foiled Again</u> , TG pgs. 50-57. CCGP Lesson: 19 Core Content: 1.0.2, 2.0.2, 2.0.3, 2.0.7,3.0.5, 5.0.4 Comprehension Strategy: Recognizing cause and effect Literacy Skills: Compound words, humor in text, story elements; vocabulary is dependent on text Writing Connections: Writing a narrative		Choose a text from the bookroom that matches the comprehension strategy of focus. Follow the lesson plan format for <u>What Am I?</u> TG pgs. 58-65. Core Content: 1.0.1, 1.0.5, 2.0.1, 5.0.4 Comprehension Strategy: Classifying and categorizing information Literacy Skills: Spelling patterns, understanding sentences, recognizing and using types of nonfiction (reference); vocabulary is dependent on text Writing Connections: Demonstrating an understanding of expository types of writing		Review and Reinforcement of Strategies: Summarizing, asking questions, making connections, considering author's viewpoint/purpose, making and confirming predictions, recognizing cause and effect, classifying and categorizing information Extension Activities Writing Connections: Reflective writing	
Writing Workshop	On-Demand <ul style="list-style-type: none"> Lessons on writing on-demand Students write to persuade an audience based on provided prompt Reflective <ul style="list-style-type: none"> Lessons on reflecting on growth as readers/writers Independent writing: students use writing process to create reflective letters Celebrate students as writers 					
Math	Find Fair Shares (Unit 7) Fractions and Decimals <u>Numbers and Operations: Understands number and operation concepts</u> <u>Numbers and Operations: Demonstrates number and operation procedures accurately and efficiently</u> <u>Mathematical Reasoning: Uses mathematical reasoning to solve problems and justify answers</u> <ul style="list-style-type: none"> Divide a single whole or a quantity into equal parts, and name those parts as fractions or mixed numbers Identify equivalent fractions Find combinations of fractions that are equal to one and to other fractions 		How Many Hundreds? How Many Miles? (Unit 8) Addition, Subtraction, and the Number System <u>Numbers and Operations: Understands number and operation concepts</u> <u>Numbers and Operations: Demonstrates number and operation procedures accurately and efficiently</u> <u>Mathematical Reasoning: Uses mathematical reasoning to solve problems and justify answers</u> <ul style="list-style-type: none"> Add multiples of 10 and 100 (up to 1,000) to and subtract them from any 3-digit number Solve 3-digit addition problems using at least one strategy efficiently Demonstrate fluency with subtraction problems related to the addition combinations to 10 + 10 Solve subtraction problems with 3-digit numbers using strategies that involve either subtracting a number in parts, adding up, or subtracting back Demonstrate fluency with multiplication combinations with products up to 50 		3-D Geometry and Measurement Solids and Boxes (Unit 9) <ul style="list-style-type: none"> Describe and provide examples of basic three-dimensional objects 	
Science	Earth Materials <u>Earth Science: Demonstrates an understanding of properties of earth materials</u> <u>Scientific Inquiry: Demonstrates appropriate use of observation, questioning, data organization and analysis, evidence-based claims, and science notebooking skills</u> <ul style="list-style-type: none"> Rocks and Minerals 					
Social Studies	Economics: People Working and Making Economic Decisions (SS-EP-3.4.1, 3.4.3)			Economics: Economics in Louisville and Jefferson County (SS-EP-3.4.1, 3.4.3)		
Practical Living	Vocational Studies (Career planning): Work and jobs	Vocational Studies (Communication/technology): Positive and negative work habits	Vocational Studies: Communication skills for the workplace	PE (Psychomotor Skills): Locomotor and nonlocomotor	PE (Psychomotor Skills): Manipulative skills	PE (Psychomotor Skills): Movement concepts
Arts and Humanities (classroom connections)	Music (Math connection): Demonstrate how musicians use fractions in producing rhythmic notation.					

P4 Environmental Themes

The environment provides an endless resource for demonstration of knowledge and skills in authentic settings directly relating to student lives (relevance). Use the Partnership for a Green City Environmental Principles as springboards to help your students integrate classroom learning into real-world experiences. The Jefferson County Board of Education in early 2006 adopted these environmental principles to guide our district and community in becoming greener and more sustainable. To review the principles go to www.partnershipforagreencity.org.

Interdisciplinary instruction provides students the opportunity to use a variety of lenses to explore a theme and increase their depth of knowledge (rigor). The topics listed below are suggestions for over-arching themes that correspond to content instruction in each grading period. Each theme below presents one possibility for making connections across the disciplines using the environment as the integrating context while covering the required Core Content. For more information on using the environment as an integrating context, [visit www.jcpsky.net/ee](http://www.jcpsky.net/ee).

	Theme	Springboard Strategy
First Grading Period	Classifying Plants and Animals	Develop a list of plants and animals observed on the school grounds. Follow up by classifying the animals according to observable features.
Second Grading Period	Organisms and Their Environments	Explore the school grounds listing plants and animals living there. How does their environment meet their basic needs?
Third Grading Period	Properties of Light, and Sound	Use the outdoors to explore heat and light absorption. For example, fill several zip-lock bags with water. Place 2 bags side by side in the sun. Put black paper behind one. Compare temps.
Fourth Grading Period	The History of Louisville and Jefferson County	How has the school neighborhood changed over time? Go to www.louisville.edu/library/ekstrom/special/moi/louphotos.html to find photos of Louisville from 1900 to 1950. elements of our culture and the environmental impact of each.
Fifth Grading Period	Rural, Urban and Suburban Environments	Discuss the differences among rural, urban, and suburban settings. Explore the school community and discuss whether the neighborhood is urban, suburban, or rural.
Sixth Grading Period	Earth Materials and Resources	Examine the schoolyard for earth materials. List and describe. Then discuss the variety of ways these materials are used as resources in our daily lives.