

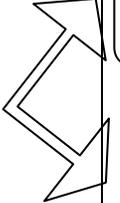


**MONROVIA UNIFIED SCHOOL DISTRICT
2009-2010 INSTRUCTIONAL PACING GUIDE**

Fourth Grade

Subject:	Reading/Language Arts	Grading Term:	All
Grade Level:	4		

Grading/ Benchmark Term	Standard	Topic & Resource Reference	Major Activities (tests, projects, tests, reports, performances)	Common Vocabulary (Content & Academic)	Differentiation Intervention (Skills level, SDAIE)	Other Information
Reading and Language Arts, Trimester 1	1.0 (all year)	Word analysis and vocabulary development	<ul style="list-style-type: none"> - Read <u>Island of the Blue Dolphins</u> - Open Court stories - AR assessments - Oral reading fluency - Book reports - Story assessments 	"sample passage" selection article summary genre	Language!	<u>Zia</u> <u>Carlotta</u> CHECS #3 – Use food labels for comprehension and reading for different purposes.
	1.1 (all year)	Word recognition				
	1.2	Vocabulary (synonyms, antonyms)				
	1.6 (all year)	Vocabulary (multiple meaning words)				
	2.0 (all year)	Comprehension				
	2.1	Structural features (sequential, chronological order)				
	2.2 (all year)	Reading for different purposes				
	2.3	Predictions (prior knowledge, illustrations, titles, topic sentences, important words)				
	3.2 (all year)	Main events of plot - causes and consequences				
	3.4	Predictions, foreshadowing				
Reading and Language Arts Trimester 2	1.0 (all year)	Word analysis and vocabulary development	<ul style="list-style-type: none"> • Biographies (report, presentation) • Literature Book (see other information) • Book Reports • Open Court stories and assessments • Read <u>Bandit's Moon</u> • Accelerated Reader assessments • Oral Fluency assessments 	<ul style="list-style-type: none"> • Story vocabulary • New genres • Origin • Root / base • Thesaurus and all reference materials 	<ul style="list-style-type: none"> • Homework: assignments out of Scholastic books (send home for the year): find nouns or synonyms on page ____, etc. • Language! 	<ul style="list-style-type: none"> • <u>The Whipping Boy</u> (figurative language) • <u>Esperanza Rising</u> (migrant workers) • <u>Zia</u> (missions) • <u>Carlotta</u> (ranchos) • <u>Bandits Moon</u> (ranchos)
	1.1 (all year)	Word recognition				
	1.2	Vocabulary (word origins, derivations)				
	1.3	Root words				
	1.4	Greek and Latin roots and affixes Thesaurus				
	1.5	Thesaurus				
	1.6 (all year)	Vocabulary (multiple meaning words)				
	2.0 (all year)	Comprehension				
	2.1	Structural features (proposition and support, compare/contrast, cause/effect)				
	2.2 (all year)	Reading for different purposes				
	2.3	Predictions (foreshadowing, flashback)				
	2.5	Compare/contrast information on same topic				
	2.6	Distinguish between cause/effect, fact/opinion				
	2.7	Follow multiple step directions				
	3.1	Structural differences of literature				
3.2 (all year)	Main events of plot - causes and consequences					
3.3	Use knowledge of situation, setting, character					
3.4	Compare and contrast tales from different cultures					
3.5	Figurative language (hyperbole, personification, idioms)					



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Fourth Grade

Subject Area	Writing Written and Oral	Grading Term:	All
Grade Level:	4		

Grading/ Benchmark Term	Standard	Topic & Resource Reference	Major Activities (tests, projects, tests, reports, performances)	Common Vocabulary (Content & Academic)	Differentiation Intervention (Skills level, SDAIE)	Other Information
Reading and Language Arts Trimester 3	1.0 (all year) 1.1 (all year) 1.2 1.3 1.6 (all year) 2.0 (all year) 2.2 (all year) 2.4 3.2 (all year)	Word analysis and vocabulary development Word recognition Vocabulary (word origins, derivations) Root words Vocabulary - multiple meaning words Comprehension Reading for different purposes Evaluate new information Main events of plot - causes and consequences	- Fables / myths - Folktales / Literature (compare, contrast tales), due to STAR test emphasis - <u>By the Great Hornspoon</u> -Open Court stories / assessments -Accelerated Reader assessments - Book reports - Oral fluency tests Science and social science, real to fictional event	- New genres - Story vocabulary		CHECS # 4 – Demonstrate effective communication skills by asking for healthy options of food and beverages

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Fourth Grade

Subject Area	Writing Written and Oral	Grading Term:	All
Grade Level:	4		

Grading/ Benchmark Term	Standard	Topic & Resource Reference	Major Activities (tests, projects, tests, reports, performances)	Common Vocabulary (Content & Academic)	Differentiation Intervention (Skills level, SDAIE)	Other Information
Writing Trimester 1	1.0 (all year) 1.1 (all year) 1.2 (all year) 1.4 (all year) 1.5 (all year) 1.7 (all year) 1.8 (all year) 1.9 (all year) 1.10 (all year)	Writing strategies Organization, focus Multiple paragraph compositions Penmanship Quote or paraphrase information (plagiarism) Use reference materials Understand almanacs, newspapers, periodicals Edit and revise drafts	- Review basic 5 paragraph writing (personal narrative) - Start summary writing - Establish writing requirements and standards	Story vocabulary Transitional words Introductory/opening paragraph Conclusion Closing paragraph Detail/body paragraphs Narrative (personal, imaginative) Proof reading symbols		Summary writing: With partners, use social studies and science books (ie regions) Use thesaurus The state calls both imaginative and personal narratives just "narrative"
Written & Oral Trimester 1	1.1 (all year) 1.2 1.3 1.4 1.6 (all year) 1.7 (all year)	Simple and compound sentences Adjectives, adverbs Regular verbs Use apostrophes in contractions Capitalization Spell roots, inflections, suffixes, prefixes, syllables Combining sentences Types of sentences	- Workbook pages (Open Court) - Review skills systematically - Daily Oral Language			
Writing Trimester 2	1.0 (all year) 1.1 (all year) 1.2 (all year) 1.3 1.4 (all year) 1.5 (all year) 1.7 (all year) 1.8 (all year) 1.9 (all year) 1.10 (all year)	Writing strategies Organization, focus Multiple paragraph compositions Use structures for conveying information Penmanship Quote or paraphrase information (plagiarism) Use reference materials Understand almanacs, newspapers, periodicals Edit and revise drafts (Magic Earphones)	<ul style="list-style-type: none"> • Biography • Bibliography • Thinking Maps • Response to Literature • Daily Oral Language 	<ul style="list-style-type: none"> • Composition • Double bubble • Tree map • Multi flow map 		<ul style="list-style-type: none"> • Response to literature: ie point of view: Do you agree with the fable? Why or why not? <p>CHECS #3 – Use nutrition reference materials like food labels</p> <p>CHECS #4 – Write a letter to the cafeteria asking for healthy food choices</p>

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Subject Area	Writing Written and Oral	Grading Term:	All
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Grading/ Benchmark Term	Standard	Topic & Resource Reference	Major Activities (tests, projects, tests, reports, performances)	Common Vocabulary (Content & Academic)	Differentiation Intervention (Skills level, SDAIE)	Other Information
Written & Oral Trimester 2	1.1 (all year) 1.2 1.3 1.4 1.5 1.6 (all year) 1.7 (all year)	Simple and compound sentences Appositives, participial phrases, prepositional phrases Irregular verbs, adverbs, prepositions, coordinating conjunctions Parentheses, commas in direct quotations, apostrophes in possessives Identify titles with underlining, quotation marks, or italics Capitalization Spell roots, inflections, suffixes, prefixes, syllables	<ul style="list-style-type: none"> • Open Court workbook pages • Review specifically covered skills systematically • Daily Oral Language 	<ul style="list-style-type: none"> • Simple / compound sentences • Verbs, adverbs • Parentheses • italics 		
Writing Trimester 3	1.0 (all year) 1.1 (all year) 1.2 (all year) 1.3 1.4 (all year) 1.5 (all year) 1.7 (all year) 1.8 (all year) 1.9 (all year) 1.10 (all year)	Writing strategies Organization, focus Multiple paragraph compositions Use structures for conveying information Penmanship Quote or paraphrase information (plagiarism) Use reference materials Understand almanacs, newspapers, periodicals (magazines) Basic keyboarding Edit and revise drafts	<ul style="list-style-type: none"> - imaginative narratives - continued use of Thinking Maps 	<ul style="list-style-type: none"> - quote - paraphrase - plagiarism - edit - revise 		CHECS#8 Research quotes promoting healthy eating and physical activity. Have each student develop a quote to promote a positive food choice or physical activity, then post the quotes around school.
Written & Oral Trimester 3	1.1 (all year) 1.6 (all year) 1.7 (all year)	Simple and compound sentences Capitalization Spell roots, inflections, suffixes, prefixes, syllables	<ul style="list-style-type: none"> - Open Court workbook pages - systemic review 	<ul style="list-style-type: none"> - simple / compound - inflections - suffix, prefix, syllable 		CHECS #5 – Do an oral presentation on how to use decision making

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Fourth Grade

Subject Area	Math	Grading Term:	All
Grade Level:	4		

Grading/ Benchmark Term	Standard	Topic & Resource Reference	Major Activities (tests, projects, tests, reports, performances)	Common Vocabulary (Content & Academic)	Differentiation Intervention (Skills level, SDAIE)	Other Information
Math first trimester	Basic math facts NS 1.1, 1.2, 1.3, 1.8 (intro) NS 3.1 MR 1.1, 1.2, 2.1 (all year)	Basic Math facts Place Value Add, subtract multi-digit numbers Problem Solving Scott Foresman, Math Steps, Baits	Fact Families, Timed tests Computation test Tungsten CRT-overall	Sum Difference Regrouping Place value: To the millions rounding	Rounding tricks and sayings	- word problem strategies (underline questions, circle key words) - Tungsten explanation of purpose, goal setting CHECS #3 – Use food labels for math purposes
	NS 3.2, 3.3	Multiplication only Multi-digit timed tests Area and perimeter	Arrays Prime / composite chart or book	Area. Perimeter, prime, composite, factors, dimensions, multiples, height, length, width	Different strategies, such as the matrix	-connect to real life (real life rectangles) - word problems
	MG 3.1, 3.3, 3.4, 3.7, 3.8	Geometry Identify shapes Vocabulary Not circles this trimester	Shape Bait / Vocabulary drawing	Perpendicular and parallel lines, Isosceles /scalene/equilateral, quadrilaterals, congruent, line of symmetry, angles	- drawing shapes - making books - high challenge protractors	- walking tour - look for shapes to identify - apply to real life -thatquiz.com
Math Second trimester (see next page)	NS 3.2, 3.4 MR 2.5, 2.6, 3.1 NS 1.4	Long division Problem solving		D.M.S.B. Factors Remainders Quotient product	Practice!	Check your answer with multiplication
	MG 3.2 MG 3.5 MG 3.6 MG 2.0, 2.2, 2.3 MG 3.4 MG 1.1, 1.2, 1.3	Circles Space Figures (solid shapes Coordinate grid/line segments Rotational symmetry	Nets Plotting points	Radius, diameter, horizontal, estimations, vertical, circumference, x and y axis (over, up), Face, vertices, edges	Circumference $\cong 3 \times \text{diameter}$ $\cong 3.14$	<ul style="list-style-type: none"> • Shape Bait again • Longitude/latitude • Battleship or Plotting mystery pictures

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Subject Area	Math	Grading Term:	All
Grade Level:	4		

Fourth Grade

Grading/ Benchmark Term	Standard	Topic & Resource Reference	Major Activities (tests, projects, tests, reports, performances)	Common Vocabulary (Content & Academic)	Differentiation Intervention (Skills level, SDAIE)	Other Information
Math Second trimester continued)	NS 1.5, 1.6, 1.7, 1.9 STDA 2.1, 2.2	Fractions: number line Order / compare Equivalent / reduce Add / subtract (like denominators) Mixed / improper Probability	<ul style="list-style-type: none"> Showing equivalent fractions Parts of a whole Parts of a set Spinners, dice, etc 	Reduce Greatest common factor Numerator Denominator likelihood	Fraction strips	Connect to division
	NS 1,1 NS 1.2 NS 1.9 NS 2.1 NS 2.2 NS 4.1 NS 4.2	Decimals, place value Decimals, order and compare Decimals, number line Decimals, fraction to decimal Decimals, add and subtract Problem solving Factoring Prime and composite	Memorize the major equivalent fractions to decimals ($1/2 = .50$) Rainbow factoring	Place value names such as tenths and hundredths	<ul style="list-style-type: none"> Connect to % Lining up the decimals 	Connect to money CHECS # 3 Have students use food labels to determine percentages of nutrients and convert the percentages into decimals. Focus on sugar content.
Math third trimester	AF 1.1, 1.2, 1.3, 1.4, 1.5 AF 2.1, 2.2	Algebra - variables Algebra - order of operations Mean, median, mode, range	PEMDAS Data sets Graphs and charts	Variables Mean Median Mode Range PEMDAS	Incredible equations Making equations that equal specific numbers	Explain variety of variables (shapes, letters) Graphs and charts review (since we do have them throughout the year CHECS #2 – Analyze ads and marketing, use to make graphs CHECS #7- Chart amount of sugar in snacks and beverages for a period of time. Use the data to determine the mean, median and mode.
			Test review	Depends on class level		
			Review and enrichment	Depends on class level		

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Subject Area	Science	Grading Term:	All
Grade Level:	4		

Fourth Grade

Grading/ Benchmark Term	Standard	Topic & Resource Reference	Major Activities (tests, projects, tests, reports, performances)	Common Vocabulary (Content & Academic)	Differentiation Intervention (Skills level, SDAIE)	Other Information
Science first trimester	Life Science	Science book Life Science: Unit A Chapter 1 Lesson 1 Chapter 1 Lesson 2 Chapter 1 Lesson 3- read before investigation Process skills: infer, record, model, measure, observe	<ul style="list-style-type: none"> Related reading: Open Court Mystery of Medicine Writing: pick animal - write about adaptations Open Court Unit 3-1, 3-2, 3-5, 3-6, 3-7	Environment, climate, oxygen, shelter, metamorphosis, adaptation, camouflage, mimicry, instinct, migration, hibernation Experiment, hypothesis, observe, infer, measure, communicate, record, use a model	SDAIE TM Pg 1 (A 1-1) Pg 2 (A 1-2) Pg 3 (A1-3)	Take home book - Adaptations WB page 1 graphic Organizer CHECS #6 – Make a plan to choose healthy foods and beverages
	Life Science	Science book Life Science Unit A Chapter 2 Lesson 1 Chapter 2 Lesson 2 Chapter 2 Lesson 3 Process skill: control variable, compare, observe, infer, measure, record	Open Court Unit 5 (5-1, 5-4, 5.5)	Carbon dioxide, nutrient, photosynthesis, symmetry, transpiration, taproot, fibrous root, germinate, spore, tuber	SDAIE TM Pg 4 (A2-1) Pg 5 (A2-2) Pg 6 (A2-3)	Activities for Home School Take home book - Plant Adaptations WB page 15 graphic org.
	Life Science	Science book Life Science Unit A Chapter 3 Lesson 1 Chapter 3 Lesson 2 read before investigation Chapter 3 Lesson 3 Chapter 3 Lesson 4 Process skills: observe measure order, infer, model, hypothesize, record, predict, classify, investigate	Open Court Unit 4-1, 4-2 Unit 1 (1-2, 1-4?) Unit 2 (2-4)	Individual, population, communities, ecosystem, habitat, niche, consumer, endangered, threatened, food web, energy, pyramid, competition, symbiosis, producer, food chain decomposer, extinct, predict, classify, order, hypothesize, interpret	SDAIE TM Pg 7 (A3-1) Pg 8 (A2-3) Pg 9 (A3-3)	Take home book - Polar Bears / Microorganisms

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Fourth Grade

Subject:	Reading/Language Arts	Grading Term:	All
Grade Level:	4		

Grading/ Benchmark Term	Standard	Topic & Resource Reference	Major Activities (tests, projects, tests, reports, performances)	Common Vocabulary (Content & Academic)	Differentiation Intervention (Skills level, SDAIE)	Other Information
Science second trimester	Life Science	Unit A Chapter 4 Lesson 1 (do investigation before reading) Chapter 4 Lesson 2 Process skills: compare draw conclusions, observe, order, infer, classify	Open Court Unit 1 (1-3) Unit 4 (4-3)	Biome, climate zone, estuary, nutrients Process skills vocab.: Draw conclusions	SDAIE TM Pg 11 (A4-1) Pg 12 (A4-2)	Take home book - Piney Woods Workbook 47 Graphic Org.
	Earth Science	Unit B Chapter 1 Lesson 1 (do reading before investigation) Chapter 1 Lesson 2 Chapter 1 Lesson 3 Process standards: observing, model, record, experiment, hypothesize, investigate, draw conclusions B1-2 Investigation suggestion: Do as a demonstration using a peach or hard boiled egg. Have students build using 3 sizes of construction paper circles, labeling each part (core, mantle, crust)	Make rock collection, tell about it, egg carton	Landform, weathering, erosion, deposition, mass movement, crust, mantle, core, plate, magma, volcano, earthquake, fault, continental drift, pangea, fossil	SDAIE TM Unit B (1-1) pg. 17 Unit B (1-2) Pg 18 Unit B (1-3) pg. 19	Visit Burminco Rock Store Workbook 75 Graphic org. Plan visit for each subject (Mojave) Take home book - Indiana Famous Dunes CHECS #6 – Make a plan to choose healthy foods for snacks and meals.
	Earth Science	UnitB Chapter 2 lesson 1 (do investigation before reading) Chapter 2 Lesson 2 Chapter 2 Lesson 3 Process Skills: classify, observe, compare, model, record Unit B Chapter 3 optional	Open Court Unit 6 (6-6)	Mineral, igneous rock, streak, hardness, sedimentary rock, luster, metamorphic rock, rock, rock cycle	SDAIE TM Unit B (2-1) pg 20 Unit B (2-2) pg 21 Unit B (2-3) pg 22	Take home book - Rocks and Minerals Workbook 89 graphic org.
Science third trimester (see next page)	Physical Science	Unit C Chapter 2 lesson 1 (do investigation before reading) Chapter 2 lesson 2 Process Skills: infer record, compare, investigate, observe, predict		Change, static electricity, electric field, electric current, circuit, electric ell, conductor, insulator, resistor, series circuit, parallel circuit	SDAIE TM Unit C (2-1) pg 29 Unit C (2-2) pg 30	Take home book - Electricity and Magnetism in Transportation Workbook 181 Graphic org.

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Grading/ Benchmark Term	Standard	Topic & Resource Reference	Major Activities (tests, projects, tests, reports, performances)	Common Vocabulary (Content & Academic)	Differentiation Intervention (Skills level, SDAIE)	Other Information
Science third trimester (continued)	Physical Science	Unit C Chapter 2 lesson 3 Chapter 2 lesson 4 Process skills: hypothesis, observe, infer, investigate, predict, compare, record	Home project - grant? Project in a bag C2-3 Investigate with magnets N-S, S-S, N-N with compass C2-4 Make an electromagnet with nail, coil, battery	Magnet, magnetic pole, magnetic field, electromagnet	Note: Skipped chapters may be picked up in May or June. They did not cover as many vital standards SDAIE TM Unit C 2-3 pg 31 2-4 pg 32	Take home book - Saving Wild Flowers, Soil Conservation, Protecting Ecosystems, Sink or Swim
	All Standards	Unit A Chapter 5 Lessons 1-4 Ecosystems Unit B Chapter 3 Lessons 1-3 Soil Unit C Chapter 1 Lessons 1-3 Matter			Unit A 5-1 pg 13 Unit A 5-2 pg 14 Unit A 5-3 pg 15 Unit A 5 pg 16 Unit B 3-1 pg 23 Unit B 3-2 pg 24 Unit B 3-3 pg 25 Unit C 1-1 pg 26 Unit C 1-2 pg 27 Unit C 1-3 pg 28	<ul style="list-style-type: none"> Unit B Chapter 3 1-3 Workbook pg 103 Graphic org. Unit C chapter 1 1-3 Workbook pg 117 graphic org.

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Fourth Grade

Month:	History/Social Science	Grading Term:	All
Grade Level:	4		

Grading/ Benchmark Term	Standard	Topic & Resource Reference	Major Activities (tests, projects, tests, reports, performances)	Common Vocabulary (Content & Academic)	Differentiation Intervention (Skills level, SDAIE)	Other Information
History / Social Science Trimester 1	4.1 4.4, 6-9 4.2, 1-4	Chapter 1 CA regions Chapter 11 (425) Present day California (optional) Chapter 2 California Native Americans	Map projects Art projects - weaving, painting	regions		CHECS #2 – Identify food items native to California
History / Social Science Trimester 2	4.2 5-8 4.5 1-5	Unit 2, Chapter 3: Explorers, Ranchos, Missions Unit 3 Lesson 3, Constitution California, Here We Come	Mission report or project Rancho folder	Land grants Missions missionaries		Connect to Open Court Connect to Bandit's Moon Connect to Carlotta Connect to Esperanza Rising
History / Social Science Trimester 3	4.3 1-5 4.4 1-5	Unit 3 Chapter 6: Gold Rush Unit 4 Chapter 7 Transportation and Communication Chapter 8 A growing economy Unit 5 Chapter 9 Growing / Changing Chapter 10 Modern times Unit 6 Chapter 11 Golden state Chapter 12 California government Great Depression, WWII (20th Century)	Gold Rush performances Growth & development as state Progress as a state California today and tomorrow	Routes Gold mining techniques		Connection to literature: By the Great Horn Spoon