TERM 1 SYLLABUS DISTRIBUTION

GRADE 4 • ACADEMIC YEAR 2026/2027

English Language Arts | Mathematics | Science | French | Arabic | Islamic Studies | ICT | Art & Craft

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ENGLISH LANGUAGE ARTS

Grade 4 • Term 1 • 2026/2027

Unit 1: Think It Through

Week 1

- **Focus:** Vocabulary: Multiple-Meaning Words; reread diagrams and headings; compare and contrast.
- **Content:** Reading / Text Set: Text Set 1 – Expository Text Shared Read: A World of Change Reading & Vocabulary **Focus: Vocabulary:** Multiple-Meaning Words; reread diagrams and headings; compare and contrast. Anchor Text: Earthquakes Paired / Supporting Selection: Weathering the Storm Phonics, Spelling, Grammar & Vocabulary: Grammar: sentences; types of sentences; mechanics; proofreading. Grammar test: sentences. Spelling pretest/posttest: short vowels. Phonics/spelling word sort, word meaning, proofreading and review. Vocabulary: content words; high-frequency words. Writing: Produce a focused response connected to the weekly reading and apply the week's grammar, spelling and vocabulary in sentences and short compositions. Research & Inquiry: Ask and answer questions, gather evidence from text features and sources, discuss findings and make cross-curricular connections.
- **Skills:** Reading comprehension, vocabulary development, phonics and spelling, grammar, written communication, speaking and listening, research and inquiry.
- **Learning Outcomes:** Students comprehend and discuss the weekly texts, apply the stated reading strategy, analyze and spell the week's word patterns, use grammar conventions accurately, and produce a coherent written response.
- **Activities:** Shared reading, vocabulary organizer, word sort, spelling practice/dictation, grammar mini-lesson, comprehension organizer, partner discussion, research task, guided writing and exit ticket.

Week 2

- **Focus:** Continue take-action theme; diagrams/headings, compare and contrast, response and inquiry.
- **Content:** Reading / Text Set: Text Set 1 – Expository Text Shared Read: A World of Change Reading & Vocabulary **Focus**: Continue take-action theme; diagrams/headings, compare and contrast, response and inquiry. Anchor Text: Earthquakes Paired / Supporting Selection: Weathering the Storm Phonics, Spelling, Grammar & Vocabulary: Grammar: subjects and predicates; compound subjects and predicates; mechanics; proofreading. Grammar test: subjects and predicates. Spelling pretest/posttest: long a. Phonics/spelling word sort, word meaning, proofreading and review. Vocabulary: multiple-meaning words; homographs. Writing: Produce a focused **response connected to** the weekly reading and apply the week's grammar, spelling and vocabulary in sentences and short compositions. Research & Inquiry: Ask and answer questions, gather evidence from text features and sources, discuss findings and make cross-curricular connections.
- **Skills:** Reading comprehension, vocabulary development, phonics and spelling, grammar, written communication, speaking and listening, research and inquiry.

- **Learning Outcomes:** Students comprehend and discuss the weekly texts, apply the stated reading strategy, analyze and spell the week's word patterns, use grammar conventions accurately, and produce a coherent written response.
- **Activities:** Shared reading, vocabulary organizer, word sort, spelling practice/dictation, grammar mini-lesson, comprehension organizer, partner discussion, research task, guided writing and exit ticket.

Week 3

- **Focus:** Vocabulary: Idioms; make predictions; plot; conflict.
- **Content:** Reading / Text Set: Text Set 2 – Realistic Fiction Shared Read: The Talent Show Reading & Vocabulary **Focus:** Vocabulary: Idioms; make predictions; plot; conflict. Anchor Text: Experts, Incorporated Paired / Supporting Selection: Speaking Out to Stop Bullying Phonics, Spelling, Grammar & Vocabulary: Grammar: simple and compound sentences; conjunctions; mechanics; proofreading. Grammar test: simple and compound sentences. Spelling pretest/posttest: long e. Phonics/spelling word sort, word meaning, proofreading and review. Vocabulary: related words; high-frequency words. Writing: Produce a focused response connected to the weekly reading and apply the week's grammar, spelling and vocabulary in sentences and short compositions. Research & Inquiry: Ask and answer questions, gather evidence from text features and sources, discuss findings and make cross-curricular connections.
- **Skills:** Reading comprehension, vocabulary development, phonics and spelling, grammar, written communication, speaking and listening, research and inquiry.
- **Learning Outcomes:** Students comprehend and discuss the weekly texts, apply the stated reading strategy, analyze and spell the week's word patterns, use grammar conventions accurately, and produce a coherent written response.
- **Activities:** Shared reading, vocabulary organizer, word sort, spelling practice/dictation, grammar mini-lesson, comprehension

Week 4

- **Focus:** Continue thinking-of-others theme; predictions, plot/conflict, response and inquiry.
- **Content:** Reading / Text Set: Text Set 2 – Realistic Fiction Shared Read: The Talent Show Reading & Vocabulary **Focus:** Continue thinking-of-others theme; predictions, plot/conflict, response and inquiry. Anchor Text: Experts, Incorporated Paired / Supporting Selection: Speaking Out to Stop Bullying Phonics, Spelling, Grammar & Vocabulary: Grammar: clauses; clauses and complex sentences; mechanics; proofreading. Grammar test: clauses and complex sentences. Spelling pretest/posttest: long i. Phonics/spelling word sort, word meaning, proofreading and review. Vocabulary: idioms; homophones. Writing: Produce a focused response connected to the weekly reading and apply the week's grammar, spelling and vocabulary in sentences and short compositions. Research & Inquiry: Ask and answer questions, gather evidence from text features and sources, discuss findings and make cross-curricular connections.

- **Skills:** Reading comprehension, vocabulary development, phonics and spelling, grammar, written communication, speaking and listening, research and inquiry.
- **Learning Outcomes:** Students comprehend and discuss the weekly texts, apply the stated reading strategy, analyze and spell the week's word patterns, use grammar conventions accurately, and produce a coherent written response.
- **Activities:** Shared reading, vocabulary organizer, word sort, spelling practice/dictation, grammar mini-lesson, comprehension
- **Focus: Vocabulary:** Suffixes; reread graphs and headings; central idea and relevant details.
- **Content: Reading / Text Set:** Text Set 3 – Argumentative Text Shared Read: Dollars and Sense Reading & Vocabulary Focus: Vocabulary: Suffixes; reread graphs and headings; central idea and relevant details. Anchor Text: Kids in Business Paired / Supporting Selection: Starting a Successful Business Phonics, Spelling, Grammar & Vocabulary: Grammar: run-on sentences; types of run-on sentences; mechanics; proofreading. Grammar test: run-on sentences. Spelling pretest/posttest: long o. Phonics/spelling word sort, word meaning, proofreading and review. Vocabulary: related words; suffixes. Writing: Produce a focused response connected to the weekly reading and apply the week's grammar, spelling and vocabulary in sentences and short compositions. Research & Inquiry: Ask and answer questions, gather evidence from text features and sources, discuss findings and make **cross-**curricular connections.
- **Skills:** organizer, partner discussion, research task, guided writing and exit ticket.
- **Learning Outcomes:** Students comprehend and discuss the weekly texts, apply the stated reading strategy, analyze and spell the week's word patterns, use grammar conventions accurately, and produce a coherent written response.
- **Activities:** Shared reading, vocabulary organizer, word sort, spelling practice/dictation, grammar mini-lesson, comprehension organizer, partner discussion, research task, guided writing and exit ticket.

Unit 2: Amazing Animals

Week 1

- **Focus:** Vocabulary: Prefixes; summarize photographs, captions and headings; central idea and relevant details.
- **Content:** Reading / Text Set: Text Set 1 – Expository Text Shared Read: Animal Adaptations Reading & Vocabulary Focus: Vocabulary: Prefixes; summarize photographs, captions and headings; central idea and relevant details. Anchor Text: Spiders Paired / Supporting Selection: Anansi and the Birds Phonics, Spelling, Grammar & Vocabulary: Grammar: common and proper nouns; concrete and abstract nouns; mechanics; proofreading. Grammar test: common and proper nouns. Spelling pretest/posttest: prefixes. Phonics/spelling word sort, word meaning, proofreading and review. Vocabulary: content words; spiral review. Writing: Produce a focused response connected to the weekly reading and apply the week's grammar, spelling and vocabulary in sentences and short compositions. Research & Inquiry: Ask and

answer questions, gather evidence from text features and sources, discuss findings and make cross-curricular connections.

- **Skills:** Reading comprehension, vocabulary development, phonics and spelling, grammar, written communication, speaking and listening, research and inquiry.
- **Learning Outcomes:** Students comprehend and discuss the weekly texts, apply the stated reading strategy, analyze and spell the week's word patterns, use grammar conventions accurately, and produce a coherent written response**.**
- **Activities:** Shared reading, vocabulary organizer, word sort, spelling practice/dictation, grammar mini-lesson, comprehension organizer, partner discussion, research task, guided writing and exit ticket.

Week 2

- **Focus:** Continue adaptations theme; text features, central idea/details, response and inquiry.
- **Content: Reading / Text Set:** Text Set 1 – Expository Text Shared Read: Animal Adaptations Reading & Vocabulary Focus: Continue adaptations theme; text features, central idea/details, response and inquiry. Anchor Text: Spiders Paired / Supporting Selection: Anansi and the Birds Phonics, Spelling, Grammar & Vocabulary: Grammar: singular and plural nouns; nouns with y to -ies endings; mechanics; proofreading. Grammar test: singular and plural nouns. Spelling pretest/posttest: digraphs. Phonics/spelling word sort, word meaning, proofreading and review. Vocabulary: prefixes; suffixes. Writing: Produce a focused response connected to the weekly reading and apply the week's grammar, spelling and vocabulary in sentences and short compositions. Research & Inquiry: Ask and answer questions, gather evidence from text features and sources, discuss findings and make cross-curricular connections.
- **Skills:** Reading comprehension, vocabulary development, phonics and spelling, grammar, written communication, speaking and listening, research and inquiry.
- **Learning Outcomes:** Students comprehend and discuss the weekly texts, apply the stated reading strategy, analyze and spell the week's word patterns, use grammar conventions accurately, and produce a coherent written response.
- **Activities:** Shared reading, vocabulary organizer, word sort, spelling practice/dictation, grammar mini-lesson, comprehension organizer, partner discussion, research task, guided writing and exit ticket.

Week 3

- **Focus:** Vocabulary: Antonyms; ask and answer questions; elements of a play; theme.
- **Content:** Reading / Text Set: Text Set 2 – Drama Shared Read: The Ant and the Grasshopper Reading & Vocabulary Focus: Vocabulary: Antonyms; ask and answer questions; elements of a play; theme. Anchor Text: Ranita, The Frog Princess Paired / Supporting Selection: Pecos Bill and the Bear Lake Monster Phonics, Spelling, Grammar & Vocabulary: Grammar: irregular plural nouns; collective nouns; mechanics; proofreading. Grammar test: irregular plural nouns. Spelling pretest/posttest: three-letter blends. Phonics/spelling word sort, word meaning, proofreading and review. Vocabulary: related words; spiral review. Writing: Produce a focused response connected to the weekly reading and apply the week's

grammar, spelling and vocabulary in sentences and short compositions. Research & Inquiry: Ask and answer questions, gather evidence from text features and sources, discuss findings and make cross-curricular connections.

- **Skills:** Reading comprehension, vocabulary development, phonics and spelling, grammar, written communication, speaking and listening, research and inquiry.
- **Learning Outcomes:** Students comprehend and discuss the weekly texts, apply the stated reading strategy, analyze and spell the week's word patterns, use grammar conventions accurately, and produce a coherent written response.
- **Activities:** Shared reading, vocabulary organizer, word sort, spelling practice/dictation, grammar mini-lesson, comprehension organizer, partner discussion, research task, guided writing and exit ticket.

Week 4

- **Focus:** Continue animals-in-fiction theme; play elements, theme, response and inquiry.
- **Content:** Reading / Text Set: Text Set 2 – Drama Shared Read: The Ant and the Grasshopper Reading & Vocabulary Focus: Continue animals-in-fiction theme; play elements, theme, response and inquiry. Anchor Text: Ranita, The Frog Princess Paired / Supporting Selection: Pecos Bill and the Bear Lake Monster Phonics, Spelling, Grammar & Vocabulary: Grammar: possessive nouns; plural possessive nouns; mechanics; proofreading. Grammar test: possessive nouns. Spelling pretest/posttest: r-controlled vowels. Phonics/spelling word sort, word meaning, proofreading and review. Vocabulary: antonyms; Greek roots. Writing: Produce a focused response connected to the weekly reading and apply the week's grammar, spelling and vocabulary in sentences and short compositions. Research & Inquiry: Ask and answer questions, gather evidence from text features and sources, discuss findings and make cross-curricular connections.
- **Skills:** Reading comprehension, vocabulary development, phonics and spelling, grammar, written communication, speaking and listening, research and inquiry.
- **Learning Outcomes:** Students comprehend and discuss the weekly texts, apply the stated reading strategy, analyze and spell the week's word patterns, use grammar conventions accurately, and produce a coherent written response.
- **Activities:** Shared reading, vocabulary organizer, word sort, spelling practice/dictation, grammar mini-lesson, comprehension organizer, partner discussion, research task, guided writing and exit ticket.

Week 5

- **Focus:** Vocabulary: Similes and Metaphors; rhyme and structure; lyric poetry and haiku; character perspective.
- **Content:** Reading / Text Set: Text Set 3 – Poetry Shared Read: Dog Reading & Vocabulary Focus: Vocabulary: Similes and Metaphors; rhyme and structure; lyric poetry and haiku; character perspective. Anchor Text: Bat Paired / Supporting Selection: Fog Phonics, Spelling, Grammar & Vocabulary: Grammar: combining sentences; mechanics; proofreading. Grammar test: combining sentences.

Phonics/spelling word sort, word meaning, proofreading and review. Vocabulary: related words. Writing: Produce a focused response connected to the weekly reading and apply the week's grammar, spelling and vocabulary in sentences and short compositions. Research & Inquiry: Ask and answer questions, gather evidence from text features and sources, discuss findings and make cross-curricular connections.

- **Skills:** Reading comprehension, vocabulary development, phonics and spelling, grammar, written communication, speaking and listening, research and inquiry.
- **Learning Outcomes:** Students comprehend and discuss the weekly texts, apply the stated reading strategy, analyze and spell the week's word patterns, use grammar conventions accurately, and produce a coherent written response.
- **Activities:** Shared reading, vocabulary organizer, word sort, spelling practice/dictation, grammar mini-lesson, comprehension organizer, partner discussion, research task, guided writing and exit ticket.

Unit 3: That's the Spirit!

Week 1

- **Focus:** Vocabulary: Context Clues; visualize; plot/flashback; point of view and perspective.
- **Content:** Reading / Text Set: Text Set 1 – Realistic Fiction Shared Read: Remembering Hurricane Katrina Reading & Vocabulary Focus: Vocabulary: Context Clues; visualize; plot/flashback; point of view and perspective. Anchor Text: Aguinaldo Paired / Supporting Selection: Partaking in Public Service Phonics, Spelling, Grammar & Vocabulary: Grammar: verbs; action verbs; mechanics; proofreading. Grammar test: verbs. Spelling pretest/posttest: r-controlled vowels. Phonics/spelling word sort, word meaning, proofreading and review. Vocabulary: related words; spiral review. Writing: Produce a focused response connected to the weekly reading and apply the week's grammar, spelling and vocabulary in sentences and short compositions. Research & Inquiry: Ask and answer questions, gather evidence from text features and sources, discuss findings and make cross-curricular connections.
- **Skills:** Reading comprehension, vocabulary development, phonics and spelling, grammar, written communication, speaking and listening, research and inquiry.
- **Learning Outcomes:** Students comprehend and discuss the weekly texts, apply the stated reading strategy, analyze and spell the week's word patterns, use grammar conventions accurately, and produce a coherent written response.
- **Activities:** Shared reading, vocabulary organizer, word sort, spelling practice/dictation, grammar mini-lesson, comprehension organizer, partner discussion, research task, guided writing and exit ticket.

Week 2

- **Focus:** Continue helping-the-community theme; flashback, point of view/perspective, response and inquiry.
- **Content:** Reading / Text Set: Text Set 1 – Realistic Fiction Shared Read: Remembering Hurricane Katrina Reading & Vocabulary Focus: Continue helping-the-community theme; flashback, point of

view/perspective, response and inquiry. Anchor Text: Aguinaldo Paired / Supporting Selection: Partaking in Public Service Phonics, Spelling, Grammar & Vocabulary: Grammar: verb tenses; more verb tenses; mechanics; proofreading. Grammar test: verb tenses. Spelling pretest/posttest: words with silent letters. Phonics/spelling word sort, word meaning, proofreading and review. Vocabulary: context clues; suffixes. Writing: Produce a focused response connected to the weekly reading and apply the week's grammar, spelling and vocabulary in sentences and short compositions. Research & Inquiry: Ask and answer questions, gather evidence from text features and sources, discuss findings and make cross-curricular connections.

- **Skills:** Reading comprehension, vocabulary development, phonics and spelling, grammar, written communication, speaking and listening, research and inquiry.
- **Learning Outcomes:** Students comprehend and discuss the weekly texts, apply the stated reading strategy, analyze and spell the week's word patterns, use grammar conventions accurately, and produce a coherent written response.
- **Activities:** Shared reading, vocabulary organizer, word sort, spelling practice/dictation, grammar mini-lesson, comprehension organizer, partner discussion, research task, guided writing and exit ticket.

Week 3

- **Focus:** Vocabulary: Synonyms and Antonyms; reread timeline; author's perspective.
- **Content:** Reading / Text Set: Text Set 2 – Biography Shared Read: Judy's Appalachia Reading & Vocabulary Focus: Vocabulary: Synonyms and Antonyms; reread timeline; author's perspective. Anchor Text: Delivering Justice Paired / Supporting Selection: Keeping Freedom in the Family Phonics, Spelling, Grammar & Vocabulary: Grammar: main and helping verbs; helping verbs and tenses; mechanics; proofreading. Grammar test: main and helping verbs. Spelling pretest/posttest: soft c and g. Phonics/spelling word sort, word meaning, proofreading and review. Vocabulary: related words; spiral review. Writing: Produce a focused response connected to the weekly reading and apply the week's grammar, spelling and vocabulary in sentences and short compositions. Research & Inquiry: Ask and answer questions, gather evidence from text features and sources, discuss findings and make cross-curricular connections.
- **Skills:** Reading comprehension, vocabulary development, phonics and spelling, grammar, written communication, speaking and listening, research and inquiry.
- **Learning Outcomes:** Students comprehend and discuss the weekly texts, apply the stated reading strategy, analyze and spell the week's word patterns, use grammar conventions accurately, and produce a coherent written response.
- **Activities:** Shared reading, vocabulary organizer, word sort, spelling practice/dictation, grammar mini-lesson, comprehension organizer, partner discussion, research task, guided writing and exit ticket.

Week 4

- **Focus:** Continue liberty-and-justice theme; timeline, perspective, response and inquiry.

- **Content:** Reading / Text Set: Text Set 2 – Biography Shared Read: Judy's Appalachia Reading & Vocabulary Focus: Continue liberty-and-justice theme; timeline, perspective, response and inquiry. Anchor Text: Delivering Justice Paired / Supporting Selection: Keeping Freedom in the Family Phonics, Spelling, Grammar & Vocabulary: Grammar: linking verbs; tense and agreement of linking verbs; mechanics; proofreading. Grammar test: linking verbs. Spelling pretest/posttest: plurals. Phonics/spelling word sort, word meaning, proofreading and review. Vocabulary: synonyms and antonyms; dictionary skills. Writing: Produce a focused response connected to the weekly reading and apply the week's grammar, spelling and vocabulary in sentences and short compositions. Research & Inquiry: Ask and answer questions, gather evidence from text features and sources, discuss findings and make cross-curricular connections.
- **Skills:** Reading comprehension, vocabulary development, phonics and spelling, grammar, written communication, speaking and listening, research and inquiry.
- **Learning Outcomes:** Students comprehend and discuss the weekly texts, apply the stated reading strategy, analyze and spell the week's word patterns, use grammar conventions accurately, and produce a coherent written response.
- **Activities:** Shared reading, vocabulary organizer, word sort, spelling practice/dictation, grammar mini-lesson, comprehension organizer, partner discussion, research task, guided writing and exit ticket.

Week 5

- **Focus:** Vocabulary: Greek Roots; reread maps and headings; author's claim.
- **Content:** Reading / Text Set: Text Set 3 – Argumentative Text Shared Read: Food Fight Reading & Vocabulary Focus: Vocabulary: Greek Roots; reread maps and headings; author's claim. Anchor Text: A New Kind of Corn Paired / Supporting Selection: The Pick of the Patch Phonics, Spelling, Grammar & Vocabulary: Grammar: irregular verbs; irregular past tense; mechanics; proofreading. Grammar test: irregular verbs. Phonics/spelling word sort, word meaning, proofreading and review. Vocabulary: content/related words. Writing: Produce a focused response connected to the weekly reading and apply the week's grammar, spelling and vocabulary in sentences and short compositions. Research & Inquiry: Ask and answer questions, gather evidence from text features and sources, discuss findings and make cross-curricular connections.
- **Skills:** Reading comprehension, vocabulary development, phonics and spelling, grammar, written communication, speaking and listening, research and inquiry.
- **Learning Outcomes:** Students comprehend and discuss the weekly texts, apply the stated reading strategy, analyze and spell the week's word patterns, use grammar conventions accurately, and produce a coherent written response.
- **Activities:** Shared reading, vocabulary organizer, word sort, spelling practice/dictation, grammar mini-lesson, comprehension organizer, partner discussion, research task, guided writing and exit ticket.

MATHEMATICS

Grade 4 • Term 1 • 2026/2027

Unit 1: Math Is...

Lesson 1-1: Math Is Mine

- **Focus:** Developing positive mathematical habits and seeing mathematics as part of everyday life.
- **Content:** Mathematical thinking, patterns, communication, problem solving and real-life connections.
- **Skills:** Observing, explaining, reasoning, communicating and collaborating.
- **Learning Outcomes:** Students participate in mathematical discussions, recognize patterns and explain simple mathematical thinking.
- **Activities:** Math-talk circle, pattern hunt, partner challenge, drawing/modeling and reflection.

Lesson 1-2: Math Is Exploring and Thinking

- **Focus:** Developing positive mathematical habits and seeing mathematics as part of everyday life.
- **Content:** Mathematical thinking, patterns, communication, problem solving and real-life connections.
- **Skills:** Observing, explaining, reasoning, communicating and collaborating.
- **Learning Outcomes:** Students participate in mathematical discussions, recognize patterns and explain simple mathematical thinking.
- **Activities:** Math-talk circle, pattern hunt, partner challenge, drawing/modeling and reflection.

Lesson 1-3: Math Is In My World

- **Focus:** Developing positive mathematical habits and seeing mathematics as part of everyday life.
- **Content:** Mathematical thinking, patterns, communication, problem solving and real-life connections.
- **Skills:** Observing, explaining, reasoning, communicating and collaborating.
- **Learning Outcomes:** Students participate in mathematical discussions, recognize patterns and explain simple mathematical thinking.
- **Activities:** Math-talk circle, pattern hunt, partner challenge, drawing/modeling and reflection.

Lesson 1-4: Math Is Explaining and Sharing

- **Focus:** Developing positive mathematical habits and seeing mathematics as part of everyday life.
- **Content:** Mathematical thinking, patterns, communication, problem solving and real-life connections.
- **Skills:** Observing, explaining, reasoning, communicating and collaborating.
- **Learning Outcomes:** Students participate in mathematical discussions, recognize patterns and explain simple mathematical thinking.
- **Activities:** Math-talk circle, pattern hunt, partner challenge, drawing/modeling and reflection.

Lesson 1-5: Math Is Finding Patterns

- **Focus:** Developing positive mathematical habits and seeing mathematics as part of everyday life.

- **Content:** Mathematical thinking, patterns, communication, problem solving and real-life connections.
- **Skills:** Observing, explaining, reasoning, communicating and collaborating.
- **Learning Outcomes:** Students participate in mathematical discussions, recognize patterns and explain simple mathematical thinking.
- **Activities:** Math-talk circle, pattern hunt, partner challenge, drawing/modeling and reflection.

Lesson 1-6: Math Is Ours

- **Focus:** Developing positive mathematical habits and seeing mathematics as part of everyday life.
- **Content:** Mathematical thinking, patterns, communication, problem solving and real-life connections.
- **Skills:** Observing, explaining, reasoning, communicating and collaborating.
- **Learning Outcomes:** Students participate in mathematical discussions, recognize patterns and explain simple mathematical thinking.
- **Activities:** Math-talk circle, pattern hunt, partner challenge, drawing/modeling and reflection.

Unit 2: Use Place Value to Fluently Add and Subtract within 1,000

Lesson 2-1: Represent 4-Digit Numbers

- **Focus:** Building understanding of number sense and place value through the lesson focus: Represent 4-Digit Numbers.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Represent 4-Digit Numbers.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to represent 4-digit numbers and explain their mathematical reasoning.
- **Activities:** Hands-on practice using place-value charts, number lines and number cards; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 2-2: Round Multi-Digit Numbers

- **Focus:** Building understanding of number sense and place value through the lesson focus: Round Multi-Digit Numbers.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Round Multi-Digit Numbers.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to round multi-digit numbers and explain their mathematical reasoning.
- **Activities:** Hands-on practice using place-value charts, number lines and number cards; partner problem solving; guided examples; independent practice; exit ticket.

Math Probe: Rounding Numbers

- **Focus:** Building understanding of number sense and place value through the lesson focus: Rounding Numbers.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Rounding Numbers.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to rounding numbers and explain their mathematical reasoning.
- **Activities:** Hands-on practice using place-value charts, number lines and number cards; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 2-3: Estimate Sums and Differences

- **Focus:** Building understanding of addition through the lesson focus: Estimate Sums and Differences.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Estimate Sums and Differences.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to estimate sums and differences and explain their mathematical reasoning.
- **Activities:** Hands-on practice using counters, place-value models, number lines and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 2-4: Use Addition Properties to Add

- **Focus:** Building understanding of addition through the lesson focus: Use Addition Properties to Add.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Use Addition Properties to Add.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to use addition properties to add and explain their mathematical reasoning.
- **Activities:** Hands-on practice using counters, place-value models, number lines and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 2-5: Addition Patterns

- **Focus:** Building understanding of addition through the lesson focus: Addition Patterns.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Addition Patterns.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to addition patterns and explain their mathematical reasoning.
- **Activities:** Hands-on practice using counters, place-value models, number lines and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 2-6: Use Partial Sums to Add

- **Focus:** Building understanding of addition through the lesson focus: Use Partial Sums to Add.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Use Partial Sums to Add.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to use partial sums to add and explain their mathematical reasoning.
- **Activities:** Hands-on practice using counters, place-value models, number lines and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 2-7: Decompose to Subtract

- **Focus:** Building understanding of subtraction through the lesson focus: Decompose to Subtract.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Decompose to Subtract.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to decompose to subtract and explain their mathematical reasoning.
- **Activities:** Hands-on practice using counters, place-value models, number lines and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 2-8: Adjust Numbers to Add or Subtract

- **Focus:** Building understanding of addition through the lesson focus: Adjust Numbers to Add or Subtract.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Adjust Numbers to Add or Subtract.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to adjust numbers to add or subtract and explain their mathematical reasoning.

- **Activities:** Hands-on practice using counters, place-value models, number lines and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 2-9: Use Addition to Subtract

- **Focus:** Building understanding of addition through the lesson focus: Use Addition to Subtract.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Use Addition to Subtract.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to use addition to subtract and explain their mathematical reasoning.

- **Activities:** Hands-on practice using counters, place-value models, number lines and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 2-10: Fluently Add within 1,000

- **Focus:** Building understanding of addition through the lesson focus: Fluently Add within 1,000.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Fluently Add within 1,000.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to fluently add within 1,000 and explain their mathematical reasoning.
- **Activities:** Hands-on practice using counters, place-value models, number lines and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 2-11: Fluently Subtract within 1,000

- **Focus:** Building understanding of subtraction through the lesson focus: Fluently Subtract within 1,000.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Fluently Subtract within 1,000.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to fluently subtract within 1,000 and explain their mathematical reasoning.
- **Activities:** Hands-on practice using counters, place-value models, number lines and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 2-12: Solve Two-Step Problems Involving Addition and Subtraction

- **Focus:** Building understanding of addition through the lesson focus: Solve Two-Step Problems Involving Addition and Subtraction.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Solve Two-Step Problems Involving Addition and Subtraction.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to solve two-step problems involving addition and subtraction and explain their mathematical reasoning.
- **Activities:** Hands-on practice using counters, place-value models, number lines and equations; partner problem solving; guided examples; independent practice; exit ticket.

Unit 3: Multiplication and Division

Lesson 3-1: Understand Equal Groups

- **Focus:** Building understanding of mathematical reasoning and problem solving through the lesson focus: Understand Equal Groups.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Understand Equal Groups.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to understand equal groups and explain their mathematical reasoning.
- **Activities:** Hands-on practice using visual models, manipulatives and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 3-2: Use Arrays to Multiply

- **Focus:** Building understanding of multiplication through the lesson focus: Use Arrays to Multiply.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Use Arrays to Multiply.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to use arrays to multiply and explain their mathematical reasoning.
- **Activities:** Hands-on practice using arrays, equal groups, area models and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 3-3: Understand the Commutative Property

- **Focus:** Building understanding of mathematical reasoning and problem solving through the lesson focus: Understand the Commutative Property.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Understand the Commutative Property.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to understand the commutative property and explain their mathematical reasoning.
- **Activities:** Hands-on practice using visual models, manipulatives and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 3-4: Understand Equal Sharing

- **Focus:** Building understanding of mathematical reasoning and problem solving through the lesson focus: Understand Equal Sharing.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Understand Equal Sharing.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.

- **Learning Outcomes:** Students apply appropriate strategies to understand equal sharing and explain their mathematical reasoning.
- **Activities:** Hands-on practice using visual models, manipulatives and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 3-5: Understand Equal Grouping

- **Focus:** Building understanding of mathematical reasoning and problem solving through the lesson focus: Understand Equal Grouping.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Understand Equal Grouping.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to understand equal grouping and explain their mathematical reasoning.
- **Activities:** Hands-on practice using visual models, manipulatives and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 3-6: Relate Multiplication and Division

- **Focus:** Building understanding of multiplication through the lesson focus: Relate Multiplication and Division.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Relate Multiplication and Division.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to relate multiplication and division and explain their mathematical reasoning.
- **Activities:** Hands-on practice using arrays, equal groups, area models and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 3-7: Find the Unknown

- **Focus:** Building understanding of mathematical reasoning and problem solving through the lesson focus: Find the Unknown.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Find the Unknown.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to find the unknown and explain their mathematical reasoning.
- **Activities:** Hands-on practice using visual models, manipulatives and equations; partner problem solving; guided examples; independent practice; exit ticket.

Unit 4: Use Patterns to Multiply by 0, 1, 2, 5, and 10

Lesson 4-1: Use Patterns to Multiply by 2

- **Focus:** Building understanding of multiplication through the lesson focus: Use Patterns to Multiply by 2.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Use Patterns to Multiply by 2.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to use patterns to multiply by 2 and explain their mathematical reasoning.
- **Activities:** Hands-on practice using arrays, equal groups, area models and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 4-2: Use Patterns to Multiply by 5

- **Focus:** Building understanding of multiplication through the lesson focus: Use Patterns to Multiply by 5.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Use Patterns to Multiply by 5.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to use patterns to multiply by 5 and explain their mathematical reasoning.
- **Activities:** Hands-on practice using arrays, equal groups, area models and equations; partner problem solving; guided examples; independent practice; exit ticket.

Math Probe: Multiply by 2 and 5

- **Focus:** Building understanding of multiplication through the lesson focus: Multiply by 2 and 5.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Multiply by 2 and 5.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to multiply by 2 and 5 and explain their mathematical reasoning.
- **Activities:** Hands-on practice using arrays, equal groups, area models and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 4-3: Use Patterns to Multiply by 10

- **Focus:** Building understanding of multiplication through the lesson focus: Use Patterns to Multiply by 10.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Use Patterns to Multiply by 10.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to use patterns to multiply by 10 and explain their mathematical reasoning.
- **Activities:** Hands-on practice using arrays, equal groups, area models and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 4-4: Use Patterns to Multiply by 1 and 0

- **Focus:** Building understanding of multiplication through the lesson focus: Use Patterns to Multiply by 1 and 0.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Use Patterns to Multiply by 1 and 0.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to use patterns to multiply by 1 and 0 and explain their mathematical reasoning.
- **Activities:** Hands-on practice using arrays, equal groups, area models and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 4-5: Multiply Fluently by 0, 1, 2, 5, and 10

- **Focus:** Building understanding of multiplication through the lesson focus: Multiply Fluently by 0, 1, 2, 5, and 10.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Multiply Fluently by 0, 1, 2, 5, and 10.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to multiply fluently by 0, 1, 2, 5, and 10 and explain their mathematical reasoning.
- **Activities:** Hands-on practice using arrays, equal groups, area models and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 4-6: Solve Problems Involving Equal Groups

- **Focus:** Building understanding of mathematical reasoning and problem solving through the lesson focus: Solve Problems Involving Equal Groups.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Solve Problems Involving Equal Groups.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to solve problems involving equal groups and explain their mathematical reasoning.
- **Activities:** Hands-on practice using visual models, manipulatives and equations; partner problem solving; guided examples; independent practice; exit ticket.

Unit 5: Use Properties to Multiply by 3, 4, 6, 7, 8, and 9

Lesson 5-1: Understand the Distributive Property

- **Focus:** Building understanding of mathematical reasoning and problem solving through the lesson focus: Understand the Distributive Property.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Understand the Distributive Property.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to understand the distributive property and explain their mathematical reasoning.
- **Activities:** Hands-on practice using visual models, manipulatives and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 5-2: Use Properties to Multiply by 3

- **Focus:** Building understanding of multiplication through the lesson focus: Use Properties to Multiply by 3.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Use Properties to Multiply by 3.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to use properties to multiply by 3 and explain their mathematical reasoning.
- **Activities:** Hands-on practice using arrays, equal groups, area models and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 5-3: Use Properties to Multiply by 4

- **Focus:** Building understanding of multiplication through the lesson focus: Use Properties to Multiply by 4.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Use Properties to Multiply by 4.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to use properties to multiply by 4 and explain their mathematical reasoning.
- **Activities:** Hands-on practice using arrays, equal groups, area models and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 5-4: Use Properties to Multiply by 6

- **Focus:** Building understanding of multiplication through the lesson focus: Use Properties to Multiply by 6.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Use Properties to Multiply by 6.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to use properties to multiply by 6 and explain their mathematical reasoning.
- **Activities:** Hands-on practice using arrays, equal groups, area models and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 5-5: Use Properties to Multiply by 8

- **Focus:** Building understanding of multiplication through the lesson focus: Use Properties to Multiply by 8.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Use Properties to Multiply by 8.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to use properties to multiply by 8 and explain their mathematical reasoning.
- **Activities:** Hands-on practice using arrays, equal groups, area models and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 5-6: Use Properties to Multiply by 7 and 9

- **Focus:** Building understanding of multiplication through the lesson focus: Use Properties to Multiply by 7 and 9.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Use Properties to Multiply by 7 and 9.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to use properties to multiply by 7 and 9 and explain their mathematical reasoning.
- **Activities:** Hands-on practice using arrays, equal groups, area models and equations; partner problem solving; guided examples; independent practice; exit ticket.

Math Probe: Multiply by 7 or 9

- **Focus:** Building understanding of multiplication through the lesson focus: Multiply by 7 or 9.

- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Multiply by 7 or 9.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to multiply by 7 or 9 and explain their mathematical reasoning.
- **Activities:** Hands-on practice using arrays, equal groups, area models and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 5-7: Solve Problems Involving Arrays

- **Focus:** Building understanding of mathematical reasoning and problem solving through the lesson focus: Solve Problems Involving Arrays.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Solve Problems Involving Arrays.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to solve problems involving arrays and explain their mathematical reasoning.
- **Activities:** Hands-on practice using visual models, manipulatives and equations; partner problem solving; guided examples; independent practice; exit ticket.

Unit 6: Connect Area and Multiplication

Lesson 6-1: Understand Area

- **Focus:** Building understanding of measurement and geometry through the lesson focus: Understand Area.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Understand Area.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to understand area and explain their mathematical reasoning.
- **Activities:** Hands-on practice using grid paper, unit cubes, rulers and geometric models; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 6-2: Count Unit Squares to Determine Area

- **Focus:** Building understanding of measurement and geometry through the lesson focus: Count Unit Squares to Determine Area.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Count Unit Squares to Determine Area.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to count unit squares to determine area and explain their mathematical reasoning.
- **Activities:** Hands-on practice using grid paper, unit cubes, rulers and geometric models; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 6-3: Use Multiplication to Determine Area

- **Focus:** Building understanding of multiplication through the lesson focus: Use Multiplication to Determine Area.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Use Multiplication to Determine Area.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to use multiplication to determine area and explain their mathematical reasoning.
- **Activities:** Hands-on practice using arrays, equal groups, area models and equations; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 6-4: Determine the Area of a Composite Figure

- **Focus:** Building understanding of measurement and geometry through the lesson focus: Determine the Area of a Composite Figure.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Determine the Area of a Composite Figure.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to determine the area of a composite figure and explain their mathematical reasoning.
- **Activities:** Hands-on practice using grid paper, unit cubes, rulers and geometric models; partner problem solving; guided examples; independent practice; exit ticket.

Math Probe: Expressions for Area

- **Focus:** Building understanding of measurement and geometry through the lesson focus: Expressions for Area.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Expressions for Area.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to expressions for area and explain their mathematical reasoning.
- **Activities:** Hands-on practice using grid paper, unit cubes, rulers and geometric models; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 6-5: Use the Distributive Property to Determine Area

- **Focus:** Building understanding of measurement and geometry through the lesson focus: Use the Distributive Property to Determine Area.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Use the Distributive Property to Determine Area.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.

- **Learning Outcomes:** Students apply appropriate strategies to use the distributive property to determine area and explain their mathematical reasoning.
- **Activities:** Hands-on practice using grid paper, unit cubes, rulers and geometric models; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 6-6: Solve Area Problems

- **Focus:** Building understanding of measurement and geometry through the lesson focus: Solve Area Problems.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Solve Area Problems.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to solve area problems and explain their mathematical reasoning.
- **Activities:** Hands-on practice using grid paper, unit cubes, rulers and geometric models; partner problem solving; guided examples; independent practice; exit ticket.

Unit 7: Fractions

Lesson 7-1: Partition Shapes into Equal Parts

- **Focus:** Building understanding of measurement and geometry through the lesson focus: Partition Shapes into Equal Parts.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Partition Shapes into Equal Parts.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to partition shapes into equal parts and explain their mathematical reasoning.
- **Activities:** Hands-on practice using grid paper, unit cubes, rulers and geometric models; partner problem solving; guided examples; independent practice; exit ticket.

Lesson 7-2: Understand Fractions

- **Focus:** Building understanding of fractions through the lesson focus: Understand Fractions.
- **Content:** Key vocabulary, representations, procedures and real-world applications connected to Understand Fractions.
- **Skills:** Modeling, calculating, reasoning, problem solving, explaining and checking work.
- **Learning Outcomes:** Students apply appropriate strategies to understand fractions and explain their mathematical reasoning.
- **Activities:** Hands-on practice using fraction strips, area models and number lines; partner problem solving; guided examples; independent practice; exit ticket.

SCIENCE

Grade 4 • Term 1 • 2026/2027

Unit 1: Forces and Energy

Module: Energy and Motion

1: Forces and Motion

- **Focus:** Exploring how forces affect the motion of objects.
- **Content:** Pushes, pulls, direction, speed and changes in motion.
- **Skills:** Observing, measuring, predicting and explaining cause and effect.
- **Learning Outcomes:** Students explain how forces can start, stop or change the motion of an object.
- **Activities:** Toy-car investigations, push/pull tests, ramp activities and motion recording.

2: Speed and Energy

- **Focus:** Connecting the speed of a moving object with its energy.
- **Content:** Motion, speed and the idea that moving objects have energy.
- **Skills:** Measuring, comparing, recording and interpreting observations.
- **Learning Outcomes:** Students compare the motion of objects and relate faster motion to greater effects in simple investigations.

Activities: Ramp-height tests, timed toy-car trials, data tables and comparison discussion.

3: Energy Transfer in Collisions

- **Focus:** Investigating how energy can be transferred when objects collide.
- **Content:** Collisions, changes in motion and transfer of energy between moving objects.
- **Skills:** Predicting, testing, observing and using evidence.
- **Learning Outcomes:** Students describe what happens to objects during collisions and recognize energy transfer.
- **Activities:** Marble/toy-car collision investigation, prediction chart and before/after motion comparison.

Unit 2: Using Energy

Module: Energy Transfer

1: Types of Energy

- **Focus:** Identifying common forms of energy.
- **Content:** Motion, light, sound, electrical and thermal energy in everyday situations.
- **Skills:** Identifying, classifying, comparing and communicating.
- **Learning Outcomes:** Students recognize and give examples of different forms of energy.
- **Activities:** Energy picture sort, classroom energy hunt and example-matching activity.

2: Sound and Light

- **Focus:** Exploring sound and light as forms of energy.
- **Content:** Sound from vibrations; light sources and how light travels to help us see.
- **Skills:** Observing, investigating, comparing and explaining.
- **Learning Outcomes:** Students describe simple ways sound and light are produced and transferred.
- **Activities:** Vibration demonstrations, string-cup investigation, flashlight tests and light-source sorting.

Lesson 3: Electricity

- **Focus:** Exploring electrical energy and simple circuits.
- **Content:** Electrical energy, circuit components and safe use of electricity.
- **Skills:** Building, testing, observing and troubleshooting.

- **Learning Outcomes:** Students build or interpret a simple circuit and identify common uses of electrical energy.
- **Activities:** Battery-bulb circuit, conductor observations, circuit diagrams and electrical-safety discussion.

Lesson 4: Heat

- **Focus:** Investigating thermal energy and heat transfer.
- **Content:** Heating and cooling; movement of thermal energy from warmer to cooler objects.
- **Skills:** Measuring, observing, comparing and recording.
- **Learning Outcomes:** Students describe how heat can move between objects and cause temperature changes.
- **Activities:** Warm/cool water observations, safe material tests, temperature recording and insulation comparison.

Module: Natural Resources in the Environment

Lesson 1: Energy from Nonrenewable Resources

- **Focus:** Identifying energy resources that are used faster than they can be replaced.
- **Content:** Examples of nonrenewable resources and their use for energy.
- **Skills:** Classifying, comparing, interpreting information and explaining.
- **Learning Outcomes:** Students identify examples of nonrenewable energy resources and describe basic uses.
- **Activities:** Resource picture sort, energy-source matching and advantages/challenges chart.

Lesson 2: Energy from Renewable Resources

- **Focus:** Identifying energy resources that can be naturally replenished.
- **Content:** Solar, wind, water and other renewable energy resources.
- **Skills:** Classifying, comparing and evaluating simple evidence.
- **Learning Outcomes:** Students identify renewable resources and compare them with nonrenewable resources.
- **Activities:** Renewable-resource stations, solar/wind model discussion and comparison chart.

Lesson 3: Impact of Energy Use

- **Focus:** Exploring how energy use can affect the environment.
- **Content:** Resource use, pollution, waste and environmental impacts at an age-appropriate level.
- **Skills:** Cause-and-effect reasoning, comparing and communicating.
- **Learning Outcomes:** Students describe positive and negative effects associated with different energy choices.
- **Activities:** Impact matching cards, scenario discussion and energy-use poster.

Lesson 4: Design Energy Solutions

- **Focus:** Applying learning to design ways to use energy responsibly.
- **Content:** Simple energy-saving or renewable-energy design solutions.
- **Skills:** Planning, designing, testing, improving and presenting.
- **Learning Outcomes:** Students propose and communicate a practical solution for reducing energy use or using energy more responsibly.
- **Activities:** Energy-saving classroom audit, design sketch, model challenge and presentation.

FRENCH

Grade 4 • Term 1 • 2026/2027

➢ Unit 1: Journey to France *(Voyage en France)*

- **Focus:** Introducing students to the French language and developing confidence in using simple French words and expressions.
- **Content:** Introduction to France, French culture, basic greetings, everyday expressions and simple classroom communication.
- **Skills:** Listening, speaking, pronunciation, vocabulary recognition and confidence in oral communication.
- **Learning Outcomes:** Students recognize and use simple French greetings and expressions and develop an interest in communicating in French.
- **Activities:** Greeting games, repetition exercises, simple conversations, matching activities and interactive speaking practice.

➢ Unit 2: Hello Children *(Bonjour les enfants)*

1: What Is Your Name? *(Comment tu t'appelles ?)*

- **Focus:** Introducing oneself and asking another person's name in French.
- **Content:** Basic greetings, introductions and expressions used to ask and answer questions about names.
- **Skills:** Listening, speaking, pronunciation, asking questions and responding appropriately.
- **Learning Outcomes:** Students introduce themselves and ask and answer simple questions about names in French.
- **Activities:** Pair conversations, introduction games, role-play and question-and-answer practice.

2: Where Do You Live? *(Tu habites où ?)*

- **Focus:** Asking and answering simple questions about where someone lives.
- **Content:** Vocabulary and sentence structures related to places of residence and locations.
- **Skills:** Speaking, listening, sentence formation, pronunciation and vocabulary development.
- **Learning Outcomes:** Students ask where someone lives and respond using a simple French sentence.
- **Activities:** Pair work, speaking practice, matching places with sentences and short dialogues.

3: Her Name Is Pâquerette *(Elle s'appelle Pâquerette)*

- **Focus:** Introducing and describing another person using simple French expressions.

- **Content:** Using *il/elle*, names and simple expressions to talk about another person.
- **Skills:** Listening, speaking, reading, sentence formation and correct pronunciation.
- **Learning Outcomes:** Students use simple sentences to introduce or identify another person in French.
- **Activities:** Character introductions, sentence-building exercises, picture prompts and short oral presentations.

- **Activity Book *(Cahier d'activités)***
  - **Focus:** Reinforcing the vocabulary and language structures learned in Unit 1.
  - **Content:** Greetings, names, introductions and questions about where people live.
  - **Skills:** Reading, writing, vocabulary recall and sentence formation.
  - **Learning Outcomes:** Students demonstrate their understanding of Unit 1 vocabulary and expressions through independent practice.
  - **Activities:** Matching, fill-in-the-blanks, sentence completion, vocabulary exercises and short writing tasks.

ICT

Grade 4 • Term 1 • 2026/2027

Unit 1: Working safely with computers

- **Focus:** Building safe, responsible and ethical habits when using digital devices.
- **Content:** Computer-room rules, posture, device care, privacy, passwords, responsible use and digital citizenship.
- **Skills:** Following procedures, identifying risks, making safe choices, communicating and collaborating.
- **Learning Outcomes:** Students demonstrate safe and responsible ICT practices and explain why digital safety rules are important.
- **Activities:** Safety-scenario sorting, workstation check, class discussion, poster task, role-play and exit ticket.

Unit 2: Working with computers: Tablets

- **Focus:** Developing confidence in using tablets and touch-screen devices appropriately.
- **Content:** Basic tablet features, touch gestures, opening/closing apps, navigation, care and responsible use.
- **Skills:** Tapping, swiping, selecting, navigating, problem solving and responsible device handling.
- **Learning Outcomes:** Students use common tablet controls and gestures to complete age-appropriate digital tasks safely.
- **Activities:** Guided tablet exploration, gesture practice, app navigation challenge, partner task and reflection.

Unit 3: Concepts in Computer Operations

- **Focus:** Understanding how computer hardware and core system features work together.
- **Content:** Computer parts, input/output devices, functions, basic operations and system concepts appropriate to grade level.
- **Skills:** Identifying, classifying, operating, comparing, troubleshooting and explaining.
- **Learning Outcomes:** Students identify key computer components or system features and explain/use their main functions.
- **Activities:** Hardware matching, labelled diagram, operation practice, troubleshooting scenarios and quick quiz.

Unit 4: Developing word processing skills

- **Focus:** Developing word-processing skills to create and edit digital documents.
- **Content:** Entering and editing text, formatting, alignment, fonts, lists, objects and document layout as appropriate to grade level.

- **Skills:** Typing, editing, formatting, organizing information, creativity and communication.
- **Learning Outcomes:** Students create a clear digital document and apply appropriate word-processing tools independently.
- **Activities:** Teacher modelling, formatting challenge, short document task, peer review .

ARABIC

Grade 4 • Term 1 • 2026/2027

موضوعات الدروس :

الوحدة الأولى : صحتي وبيئتي

نشاطات التهيئة

انص الاستماع (ناقل الأمراض)

النص القرائي (التصحر وآثره في البيئة)

همزتا القطع والوصل

الهمزة المتطرفة

التاء المربوطة والمفتوحة

كلمات حذفت الألف من وسطها

أنواع الكلمة والجملة

المبتدأ والخبر

الجار والمجرور

أنواع الفعل

الفاعل

المفعول به

النص الشعري (لم تألمت الفراشة)

التواصل الشفهي

إبداء الرأي

وصف مشاهدات معروضة

كتابة قصة

رسم الحروف بخط النسخ

ISLAMIC STUDIES

موضوعات الدروس: توحيد

الوحدة الأولى: أنواع التوحيد

التوحيد وأنواعه

توحيد الربوبية والإقرار به

التعريف بتوحيد الالوهية

أهمية توحيد الالوهية وموقف المشركين منه

الوحدة الثانية: العبادة

العبادة

أنواع العبادة

شروط قبول العبادة

-حديث (الوحدة الأولى): التعريف بالنبي صلى الله عليه وسلم

أتعلم سيرة النبي ﷺ

نسب النبي ﷺ

أوصاف النبي ﷺ

النبي ﷺ أفضل الناس

من فضائل النبي ﷺ

عيش النبي ﷺ

الوحدة الثانية: بيت النبي ﷺ

بيت النبي ﷺ

أم المؤمنين خديجة من بنت خويلد رضي الله عنها

أم المؤمنين عائشة رضي الله عنها

أم المؤمنين حفصة بنت عمر رضي الله عنها

أولاد النبي ﷺ وأهل بيته

معاملة النبي ﷺ لأزواجه

حسن تعامله ﷺ مع أهله

-فقه الوحدة الأولى:

نعمة الماء

الماء الطهور

الماء النجس

الوحدة الثانية: الوضوء والطهارة

فضل الطهارة

الوضوء

فروض الوضوء

سنن الوضوء

نواقض الوضوء

الوحدة الثالثة: المسح هلى الخفين والجوربين:

الخف والجورب

مدة المسح

- **القران الكريم**
- (سورة الحديد – سورة الواقعة – سورة الرحمن – سورة القمر – سورة المدثر)

ART / Craft

Grade 4 • Term 1 • 2026/2027

Unit 1: Art Skills and Creative Craft

- **Lesson 1: Mixed-Media Photo Frame**
  - **Focus:** Exploring mixed-media techniques through the design of a decorative photo frame
  - **Content:** Combining cardboard, craft sticks, textured materials, and decorative elements to create a functional photo frame
  - **Skills:** Layering textures, arranging materials, measuring, cutting, joining, and constructing a strong frame
  - **Learning Outcomes:** Students will be able to combine different materials creatively and construct a durable, visually appealing photo frame
  - **Activities:** Design and create a premium cardboard or craft-stick mixed-media photo frame
- **Lesson 2: Pottery – Coil Vessel**
  - **Focus:** Creating a three-dimensional vessel using the coil-building technique
  - **Content:** Introduction to coil pottery, including preparing clay, rolling even coils, joining, smoothing and shaping
  - **Skills:** Controlling wall thickness, joining clay securely, shaping forms, and refining surfaces
  - **Learning Outcomes:** Students will be able to use the coil-building technique to construct a balanced and stable clay vessel
  - **Activities:** Create and decorate a medium-sized coil pot.
- **Lesson 3: Paper Quilling**
  - **Focus:** Creating decorative designs using paper-quilling techniques
  - **Content:** Rolling, shaping, arranging, and combining paper strips to form decorative patterns and designs
  - **Skills:** Making tight and loose coils, forming basic quilling shapes, arranging patterns, and developing fine-motor control
  - **Learning Outcomes:** Students will be able to create and combine different quilling shapes to produce an organised decorative composition
  - **Activities:** Design and create a quilled decorative panel
- **Lesson 4: Basket Weaving**
  - **Focus:** Exploring basic weaving techniques through basket construction
  - **Content:** Creating a simple basket using paper strips or reed-style craft materials with an organised weaving pattern

- **Skills:** Weaving, sequencing colours, maintaining tension, constructing a firm structure, and finishing edges neatly
- **Learning Outcomes:** Students will be able to apply basic weaving techniques to construct a functional and decorative basket
- **Activities:** Create a paper or reed-style woven basket

- **Lesson 5: Decorative Mask**
  - **Focus:** Designing and constructing a three-dimensional decorative mask
  - **Content:** Exploring mask design through shape, symmetry, relief, texture, colour, and decorative surface details
  - **Skills:** Building relief, creating symmetrical forms, adding surface details, cutting, layering, and decorating
  - **Learning Outcomes:** Students will be able to design and construct an expressive three-dimensional mask using appropriate craft techniques
  - **Activities:** Create a 3D cultural or theatre-inspired decorative mask

- **Lesson 6: Recycled Functional Design**
  - **Focus:** Transforming recycled materials into a useful and attractive object
  - **Content:** Exploring sustainable art by planning and constructing a functional product from safe reusable materials
  - **Skills:** Creative problem-solving, planning, measuring, joining materials, construction, and sustainable .design
  - **Learning Outcomes:** Students will be able to reuse discarded materials creatively to design and construct a practical object
  - **Activities:** Create a desk organiser or storage craft using recycled materials
- **Lesson 7: Puppet with Moving Parts**
  - **Focus:** Constructing a puppet with movable joints and simple mechanisms
  - **Content:** Designing a character and connecting body parts using split pins, string, or other simple movement mechanisms
  - **Skills:** Designing, cutting, assembling, joining movable parts, and understanding simple mechanisms
  - **Learning Outcomes:** Students will be able to construct a creative puppet with securely connected moving parts
  - **Activities:** Design and create a jointed moving puppet
- **Lesson 8: Mosaic Wall Panel**
  - **Focus:** Creating a decorative composition using mosaic techniques

- **Content:** Arranging small coloured paper, foam, card, or other safe materials to form a planned geometric mosaic design.
- **Skills:** Pattern making, colour selection, spacing, composition, creating a focal pointanddeveloping colour harmony.
- **Learning Outcomes:** Students will be able to organise small shapes and colours effectively to produce a balanced mosaic composition.
- **Activities:** Create a geometric mosaic wall panel

- **Lesson 9: Clay Relief Plaque**
  - **Focus:** Exploring raised and recessed designs through clay relief work
  - **Content:** Creating a decorative clay plaque using pressing, carving, modelling, and texturing techniques
  - **Skills:** Carving, pressing, modelling, creating raised and recessed details, and developing surface texture.
  - **Learning Outcomes:** Students will be able to use relief techniques to create depth, texture, and decorative detail in clay
  - **Activities:** Design and create a decorative clay relief plaque
- **Lesson 10: Lantern / Light Shade Model**
  - **Focus:** Designing a decorative lantern or light-shade model using cutwork techniques
  - **Content:** Exploring pattern, repetition, light, and structure through a paper or card lantern model
  - **Skills:** Measuring, folding, cutting patterns, creating cutwork, joining structural parts, and assembling accurately
  - **Learning Outcomes:** Students will be able to design and construct a stable decorative lantern model using repeated cutwork patterns
  - **Activities:** Create a decorative paper or card lantern/light-shade model. For display only; use LED lights if illumination is required
- **Lesson 11: Textile Wall Hanging**
  - **Focus:** Combining textile techniques to create a decorative wall hanging
  - **Content:** Exploring weaving, yarn, tassels, texture, colour, and repeated patterns in a textile composition.
  - **Skills:** Weaving, knotting, arranging patterns, making tassels, combining textures, and coordinating colours.
  - **Learning Outcomes:** Students will be able to combine textile techniques and decorative elements to produce a well-organised wall hanging.
  - **Activities:** Design and create a decorative woven textile wall hanging.
- **Lesson 12: Art & Craft Exhibition**
  - **Focus:** Selecting, organising, and presenting completed artwork for an exhibition

- **Content:** Reviewing completed projects and learning how artworks are selected, labelled, arranged and displayed
- **Skills:** Curating, selecting work, presentation, labelling, organisation, reflection, and communicating about artwork.
- **Learning Outcomes:** Students will be able to select and present their completed artwork appropriately and explain the techniques and materials used.
- **Activities:** Prepare, label, arrange, and present selected projects in a Grade 4 Art & Craft Exhibition