

**Classroom Jeopardy!® Grade 4: Part Two**  
**Standards and Correlation Document**

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**Language Arts**

<b>Topic</b>	<b>Games/Categories</b>	<b>Source of Standard</b>	<b>Standard</b>
Root words, prefixes and suffixes	Game 4 “Tion” Fun	California State Board of Education K-12 Content Standards, Grade 4 English Language Arts, Reading	1.4 Know common roots and affixes derived from Greek and Latin and use this knowledge to analyze the meaning of complex words (e.g., <i>international</i> ).
		Texas Essential Knowledge and Skills, 110.6 English Language Arts and Reading Grade 4	6 (B) use structural analysis to identify root words with prefixes such as <i>dis-</i> , <i>non-</i> , <i>in-</i> ; and suffixes such as <i>-ness</i> , <i>-tion</i> , <i>-able</i> (4-6) 9 (D) determine meanings of derivatives by applying knowledge of the meanings of root words such as <i>like</i> , <i>pay</i> , or <i>happy</i> and affixes such as <i>dis-</i> , <i>pre-</i> , <i>un-</i> (4-8); and 17 (B) write with accurate spelling of roots such as <i>drink</i> , <i>speak</i> , <i>read</i> , or <i>happy</i> , inflections such as those that change tense or number, suffixes such as <i>-able</i> or <i>-less</i> , and prefixes such as <i>re-</i> or <i>un-</i> (4-6)
		South Carolina Dept. of Education English Language Arts Curriculum Standards, Grade 4	4-R3.2 Continue identifying word origins and derivatives to determine the meaning of words and phrases to refine word choice. 4-R3.3 Demonstrate the ability to apply a knowledge of roots and affixes to analyze the meaning of complex words.
Words with multiple meanings	Game 6 One-Word Wonders Game 6 Double-Duty Words	California State Board of Education K-12 Content Standards, Grade 4 English Language Arts, Reading	1.6 Distinguish and interpret words with multiple meanings.
		Florida Dept. of Education Sunshine State Standards, Language Arts Fourth Grade, Reading	• Uses a variety of strategies to determine meaning and increase vocabulary (for example, multiple meaning words, antonyms, synonyms, word relationships, root words, and homonyms).
		South Carolina Dept. of Education English Language Arts Curriculum Standards, Grade 4	4-R3.4 Demonstrate the ability to use sentence structure (syntax) and context to determine the meanings of unfamiliar and multiple-meaning words.
		Virginia Public Schools Standards of Learning, English, Fourth Grade	4.3 The student will read and learn the meanings of unfamiliar words. * Use knowledge of word origins; synonyms, antonyms, and homonyms; and multiple meanings of words.

Homophones	Game 4 Sound Alikes Game 4 Homophone Humor	Florida Dept. of Education Sunshine State Standards, Language Arts Fourth Grade, Reading	<ul style="list-style-type: none"> <li>• Uses a variety of strategies to determine meaning and increase vocabulary (for example, multiple meaning words, antonyms, synonyms, word relationships, root words, and homonyms).</li> </ul>
		Virginia Public Schools Standards of Learning, English, Fourth Grade	<p>4.3 The student will read and learn the meanings of unfamiliar words.</p> <p>* Use knowledge of word origins; synonyms, antonyms, and homonyms; and multiple meanings of words.</p>
Antonyms	Game 1 Antonym Rhyme Time	California State Board of Education K-12 Content Standards, Grade 4 English Language Arts, Reading	1.2 Apply knowledge of word origins, derivations, synonyms, antonyms, and idioms to determine the meaning of words and phrases.
		Florida Dept. of Education Sunshine State Standards, Language Arts Fourth Grade, Reading	<ul style="list-style-type: none"> <li>• Uses a variety of strategies to determine meaning and increase vocabulary (for example, multiple meaning words, antonyms, synonyms, word relationships, root words, and homonyms).</li> </ul>
		Indiana Academic Standards, English/Language Arts Grade 4	4.1.2 Apply knowledge of synonyms (words with the same meaning), antonyms (words with opposite meanings), homographs (words that are spelled the same but have different meanings), and idioms (expressions that cannot be understood just by knowing the meanings of the words in the expression, such as <i>couch potato</i> ) to determine the meaning of words and phrases.
		Virginia Public Schools Standards of Learning, English, Fourth Grade	<p>4.3 The student will read and learn the meanings of unfamiliar words.</p> <p>* Use knowledge of word origins; synonyms, antonyms, and homonyms; and multiple meanings of words.</p>
Analogies	Game 5 Pronoun Analogies Game 5 Final Jeopardy!	South Carolina Dept. of Education English Language Arts Curriculum Standards, Grade 4	4-R3.6 Demonstrate the ability to make simple analogies; begin recognizing complex analogies.
		Florida Dept. of Education Sunshine State Standards, Language Arts Fourth Grade, Language	<ul style="list-style-type: none"> <li>• Understands similes, metaphors, analogies, and alliteration.</li> </ul>
Structural patterns in writing	Game 5 First Things First	California State Board of Education K-12 Content Standards, Grade 4 English Language Arts, Reading	2.1 Identify structural patterns found in informational text (e.g., compare and contrast, cause and effect, sequential or chronological order, proposition and support) to strengthen comprehension.
		Texas Essential Knowledge and Skills, 110.6 English Language Arts and Reading Grade 4	10 (E) use the text's structure or progression of ideas such as cause and effect or chronology to locate and recall information (4-8).
		Florida Dept. of Education Sunshine State Standards, Language Arts Fourth Grade, Reading	<ul style="list-style-type: none"> <li>• Understands a variety of textual organizations (for example, comparison and contrast, cause-and-effect, sequence of events).</li> </ul>

Identify author's purpose	Game 2 Inform or Persuade?	Florida Dept. of Education Sunshine State Standards, Language Arts Fourth Grade, Reading	<ul style="list-style-type: none"> <li>Identifies author's purpose in a text.</li> <li>Recognizes text that is written primarily to persuade.</li> <li>Distinguishes between informational and persuasive texts.</li> </ul>
		Texas Essential Knowledge and Skills, 110.6 English Language Arts and Reading Grade 4	12 (C) identify the purposes of different types of texts such as to inform, influence, express, or entertain (4-8).
		South Carolina Dept. of Education English Language Arts Curriculum Standards, Grade 4	4-R.2.10 Demonstrate the ability to identify the author's purpose in a variety of texts.
		Virginia Public Schools Standards of Learning, English, Fourth Grade	4.4 The student will read fiction and nonfiction, including biographies and historical fiction. * Explain the author's purpose.
Subject and verb agreement	Game 2 Put It in the Past	Florida Dept. of Education Sunshine State Standards, Language Arts Fourth Grade, Writing	<ul style="list-style-type: none"> <li>Uses various parts of speech correctly in writing (including but not limited to subject and verb agreement, noun and verb forms, demonstrative pronouns, coordinating conjunctions).</li> </ul>
		Florida Dept. of Education Sunshine State Standards, Language Arts Fourth Grade, Language	<ul style="list-style-type: none"> <li>Uses elements of grammar in speech (including but not limited to present, past, and future verb tenses; subject-verb agreement; pronouns as subjects).</li> </ul>
		Texas Essential Knowledge and Skills, 110.6 English Language Arts and Reading Grade 4	18 (C) employ standard English usage in writing for audiences, including subject-verb agreement, pronoun referents, and parts of speech (4-8).
		Virginia Public Schools Standards of Learning, English, Fourth Grade	4.8 The student will edit final copies of writings. * Use subject-verb agreement.
Verb tenses	Game 2 Put It In the Past	Florida Dept. of Education Sunshine State Standards, Language Arts Fourth Grade, Language	<ul style="list-style-type: none"> <li>Uses elements of grammar in speech (including but not limited to present, past, and future verb tenses; subject-verb agreement; pronouns as subjects).</li> </ul>
Pronouns	Game 5 Me, Myself, and I Game 5 Pronoun Analogies	Florida Dept. of Education Sunshine State Standards, Language Arts Fourth Grade, Writing	<ul style="list-style-type: none"> <li>Uses various parts of speech correctly in writing (including but not limited to subject and verb agreement, noun and verb forms, demonstrative pronouns, coordinating conjunctions).</li> </ul>
		Florida Dept. of Education Sunshine State Standards, Language Arts Fourth Grade, Language	<ul style="list-style-type: none"> <li>Uses elements of grammar in speech (including but not limited to present, past, and future verb tenses; subject-verb agreement; pronouns as subjects).</li> </ul>
		Texas Essential Knowledge and Skills, 110.6 English Language Arts and Reading Grade 4	18 (C) employ standard English usage in writing for audiences, including subject-verb agreement, pronoun referents, and parts of speech (4-8). 18 (H) write with increasing accuracy when using objective case pronouns such as "Dan cooked for you and me." (4-5).
		Virginia Public Schools Standards of Learning, English, Fourth Grade	4.8 The student will edit final copies of writings. * Use pronoun "I" correctly in compound subjects.
Irregular plurals	Game 3 Plural Challenge	Texas Essential Knowledge and Skills, 110.6 English Language Arts and Reading Grade 4	18 (A) use regular and irregular plurals correctly (4-6).

Figurative language	Game 2 Simile or Metaphor Game 3 Literary Add-Ons Game 4 Fun with “Ph”	California State Board of Education K-12 Content Standards, Grade 4 English Language Arts, Reading	3.5 Define figurative language (e.g., simile, metaphor, hyperbole, personification) and identify its use in literary works.
		Florida Dept. of Education Sunshine State Standards, Language Arts Fourth Grade, Language	<ul style="list-style-type: none"> <li>Understands similes, metaphors, analogies, and alliteration.</li> </ul>
		Florida Dept. of Education Sunshine State Standards, Language Arts Fourth Grade, Literature	<ul style="list-style-type: none"> <li>Identifies and uses literary terminology appropriate to fourth grade or higher level (including but not limited to theme, simile, alliteration, metaphor).</li> </ul>
		South Carolina Dept. of Education English Language Arts Curriculum Standards, Grade 4	4-R2.6 Demonstrate the ability to identify devices of figurative language such as similes, metaphors, and hyperbole and sound devices such as alliteration and onomatopoeia.
Literary terminology	Game 2 “Di” Hard Game 3 Literary Add-Ons Game 5 Book Terms to a “T”	Florida Dept. of Education Sunshine State Standards, Language Arts Fourth Grade, Literature	<ul style="list-style-type: none"> <li>Identifies and uses literary terminology appropriate to fourth grade or higher level (including but not limited to theme, simile, alliteration, metaphor).</li> </ul>
		Texas Essential Knowledge and Skills, 110.6 English Language Arts and Reading Grade 4	12 (F) understand and identify literary terms such as title, author, illustrator, playwright, theater, stage, act, dialogue, and scene across a variety of literary forms (texts) (3-5); 12 (I) recognize and analyze story plot, setting, and problem resolution (4-8).
		South Carolina Dept. of Education English Language Arts Curriculum Standards, Grade 4	4-R2.1 Demonstrate the ability to analyze character traits and motives, setting, and plot in a literary work; begin identifying tone.
Literary and nonfiction forms	Game 2 Poetry or Drama? Game 4 Who’s Real? Game 4 “Shun” Spell-A-Thon Game 4 Fun with “Ph”	Florida Dept. of Education Sunshine State Standards, Language Arts Fourth Grade, Literature	<ul style="list-style-type: none"> <li>Understands the distinguishing features of literary texts (for example, fiction, drama, poetry, biography, historical fiction, and chapter books).</li> <li>Understands the distinguishing features of nonfiction texts (for example, biography, reference materials, magazines, and newspapers).</li> </ul>
		Texas Essential Knowledge and Skills, 110.6 English Language Arts and Reading Grade 4	12 (D) recognize the distinguishing features of genres, including biography, historical fiction, informational texts, and poetry (4-8). 12 (G) understand literary forms by recognizing and distinguishing among such types of text as stories, poems, myths, fables, tall tales, limericks, plays, biographies, and autobiographies (3-7).
		South Carolina Dept. of Education English Language Arts Curriculum Standards, Grade 4	4-R2.7 Demonstrate the ability to distinguish between fiction and nonfiction. 4-R2.8 Demonstrate the ability to identify the characteristics of genres such as fiction, poetry, drama, and informational texts. 4-R2.9 Demonstrate the ability to identify elements of poetry such as rhyme scheme, refrain, and stanza.

		California State Board of Education K-12 Content Standards, Grade 4 English Language Arts, Reading	3.1 Describe the structural differences of various imaginative forms of literature, including fantasies, fables, myths, legends, and fairy tales.
		Virginia Public Schools Standards of Learning, English, Fourth Grade	4.4 The student will read fiction and nonfiction, including biographies and historical fiction. * Compare the use of fact and fantasy in historical fiction with other forms of literature.
Research skills	Game 3 Look It Up	California State Board of Education K-12 Content Standards, Grade 4 English Language Arts, Writing	1.7 Use various reference materials (e.g., dictionary, thesaurus, card catalog, encyclopedia, online information) as an aid to writing.
		Texas Essential Knowledge and Skills, 110.6 English Language Arts and Reading Grade 4	(B) Use text organizers, including headings, graphic features, and tables of contents, to locate and organize information (4-8). (C) Use multiple sources, including electronic texts, experts, and print resources, to locate information relevant to research questions (4-8).
		Virginia Public Schools Standards of Learning, English, Fourth Grade	4.9 The student will use information resources to research a topic. * Collect information, using the resources of the media center.

## Math

Topic	Games/Categories	Source of Standard	Standard
Fraction concepts	Game 1 Name that Fraction	California State Board of Education K-12 Content Standards, Grade 4 Mathematics, Number Sense	1.5 Explain different interpretations of fractions, for example, parts of a whole, parts of a set, and division of whole numbers by whole numbers; explain equivalents of fractions (see Standard 4.0).
		Texas Essential Knowledge and Skills, 111.6 Mathematics Grade 4	(2) Number, operation, and quantitative reasoning. The student describes and compares fractional parts of whole objects or sets of objects.
		Florida Dept. of Education Sunshine State Standards, Mathematics Fourth Grade, Number Sense, Concepts and Operations	<ul style="list-style-type: none"> <li>Reads, writes, and identifies fractions and mixed numbers with denominators including 2, 3, 4, 5, 6, 8, 10, 12, 20, 25, 100, and 1000.</li> </ul>
		South Carolina Dept. of Education Mathematics Standards, Numbers and Operations Standard I. C., Grade 4	1. Describe fractional parts of collections of objects.
Compare and order fractions	Game 1 That's an Order Game 2 Compare Fractions	Texas Essential Knowledge and Skills, 111.6 Mathematics Grade 4	2 (C) compare and order fractions using concrete and pictorial models.
		South Carolina Dept. of Education Mathematics Standards, Numbers and Operations Standard I. D., Grade 4	<ol style="list-style-type: none"> <li>Relate the size of fractions to the benchmark fractions of 0, <math>\frac{1}{2}</math>, and 1.</li> <li>Compare concrete or pictorial models of fractions using the symbols <math>&gt;</math>, <math>&lt;</math>, and <math>=</math>.</li> </ol>
		Virginia Public Schools Standards of Learning, Mathematics, Fourth Grade	4.3 The student will compare the numerical value of fractions (with like and unlike denominators) having denominators of 12 or less, using concrete materials.
		South Carolina Dept. of Education Mathematics Standards, Numbers and Operations Standard I. E., Grade 4	1. Write equivalent forms of commonly used fractions.
		Texas Essential Knowledge and Skills, 111.6 Mathematics Grade 4	2 (A) generate equivalent fractions using concrete and pictorial models.
		Virginia Public Schools Standards of Learning, Mathematics, Fourth Grade	4.2 b) represent equivalent fractions.
Add and subtract fractions	Game 2 Fraction Plus and Minus	Florida Dept. of Education Sunshine State Standards, Mathematics Fourth Grade, Number Sense, Concepts and Operations	<ul style="list-style-type: none"> <li>Explains and demonstrates the addition and subtraction of common fractions using concrete materials, drawings, story problems, and algorithms.</li> <li>Solves real-world problems involving the addition or subtraction of decimals (to hundredths) or common fractions with like and unlike denominators.</li> </ul>
		Virginia Public Schools Standards of Learning, Mathematics, Fourth Grade	4.9 a) add and subtract with fractions having like and unlike denominators of 12 or less, using concrete materials, pictorial representations, and paper and pencil.
		Indiana Academic Standards, Mathematics Grade 4	4.2.8 Add and subtract simple fractions with different denominators, using objects or pictures.

Compare decimals, fractions, whole numbers and mixed numbers	Game 5 Fraction to Decimal Game 5 Care to Compare?	California State Board of Education K-12 Content Standards, Grade 4 Mathematics, Number Sense	1.6 Write tenths and hundredths in decimal and fraction notations and know the fraction and decimal equivalents for halves and fourths (e.g., $1/2 = 0.5$ or $.50$ ; $7/4 = 1 \frac{3}{4} = 1.75$ ).
		Florida Dept. of Education Sunshine State Standards, Mathematics Fourth Grade, Number Sense, Concepts and Operations	<ul style="list-style-type: none"> <li>• Uses language and symbols (<math>&gt;</math>, <math>&lt;</math>, <math>=</math>) to compare numbers in the same form and in two different forms.</li> <li>• Compares and orders commonly used fractions and decimals to hundredths using concrete materials, drawings, and numerals.</li> <li>• Knows that two numbers in different forms are equivalent or non-equivalent, using whole numbers, decimals, fractions, and mixed numbers.</li> </ul>
		Texas Essential Knowledge and Skills, 111.6 Mathematics Grade 4	2 (D) relate decimals to fractions that name tenths and hundredths using models.
		South Carolina Dept. of Education Mathematics Standards, Numbers and Operations Standard I. E., Grade 4	*3. Identify and represent common fraction-decimal equivalents.
		Virginia Public Schools Standards of Learning, Mathematics, Fourth Grade	4.2 c) relate fractions to decimals, using concrete objects.
		Indiana Academic Standards, Mathematics Grade 4	4.1.8 Write tenths and hundredths in decimal and fraction notations.
Read, order and compare decimals through hundredths	Game 3 Let's Get Small	California State Board of Education K-12 Content Standards, Grade 4 Mathematics, Number Sense	1.2 Order and compare whole numbers and decimals to two decimal places.
		Florida Dept. of Education Sunshine State Standards, Mathematics Fourth Grade, Number Sense, Concepts and Operations	<ul style="list-style-type: none"> <li>• Reads, writes, and identifies decimals through hundredths.</li> </ul>
		Texas Essential Knowledge and Skills, 111.6 Mathematics Grade 4	1 (B) use place value to read, write, compare, and order decimals involving tenths and hundredths, including money, using concrete models.
		South Carolina Dept. of Education Mathematics Standards, Numbers and Operations Standard I. A., Grade 4	*2. Compare decimals (through hundredths) using symbols ( $>$ , $<$ , and $=$ ) and words ( <i>is greater than</i> , <i>is less than</i> , and <i>equals</i> ).
		Virginia Public Schools Standards of Learning, Mathematics, Fourth Grade	4.4 a) read, write, represent, and identify decimals expressed through thousandths. 4.4 c) compare the value of two decimals, using symbols ( $>$ , $<$ , or $=$ ), concrete materials, drawings, and calculators.

Identifies place value of digit from hundredths to hundred thousands	Game 3 What's It Worth?	Florida Dept. of Education Sunshine State Standards, Mathematics Fourth Grade, Number Sense, Concepts and Operations	<ul style="list-style-type: none"> <li>Knows the value of a given digit in numbers from hundredths to millions, including writing and interpreting expanded forms of numbers.</li> </ul>
		South Carolina Dept. of Education Mathematics Standards, Numbers and Operations Standard I. A., Grade 4	1. Explain the place value structure of whole numbers including periods (thousands, millions, billions, etc.).
		Virginia Public Schools Standards of Learning, Mathematics, Fourth Grade	4.1 a) identify (orally and in writing) the place value for each digit in a whole number expressed through millions.
Round decimals to the nearest tenth or whole number	Game 5 Decimal Roundup	California State Board of Education K-12 Content Standards, Grade 4 Mathematics, Number Sense	2.2 Round two-place decimals to one decimal or the nearest whole number and judge the reasonableness of the rounded answer.
		South Carolina Dept. of Education Mathematics Standards, Numbers and Operations Standard III. D., Grade 4	1. Round decimals to the nearest tenth and hundredth.
		Virginia Public Schools Standards of Learning, Mathematics, Fourth Grade	4. 4 b) round to the nearest whole number, tenth, and hundredth.
Add and subtract decimals (to two decimal places)	Game 4 Decimal Sums Game 4 Decimal Differences	California State Board of Education K-12 Content Standards, Grade 4 Mathematics, Number Sense	2.1 Estimate and compute the sum or difference of whole numbers and positive decimals to two places.
		Florida Dept. of Education Sunshine State Standards, Mathematics Fourth Grade, Number Sense, Concepts and Operations	<ul style="list-style-type: none"> <li>Explains and demonstrates the addition and subtraction of decimals (to hundredths) using concrete materials, drawings, story problems, and algorithms.</li> </ul>
		Texas Essential Knowledge and Skills, 111.6 Mathematics Grade 4	3 (B) add and subtract decimals to the hundredths place using concrete and pictorial models.
		South Carolina Dept. of Education Mathematics Standards, Numbers and Operations Standard III. E., Grade 4	1. Add and subtract decimals through hundredths using concrete and pictorial models.
		Virginia Public Schools Standards of Learning, Mathematics, Fourth Grade	4.9 b) add and subtract with decimals through thousandths, using concrete materials, pictorial representations, and paper and pencil.
		Indiana Academic Standards, Mathematics Grade 4	4.2.10 Use a standard algorithm to add and subtract decimals (to hundredths).

Multiplication of multidigit numbers	Game 3 Final Jeopardy!	California State Board of Education K-12 Content Standards, Grade 4 Mathematics, Number Sense	3.2 Demonstrate an understanding of, and the ability to use, standard algorithms for multiplying a multidigit number by a two-digit number and for dividing a multidigit number by a one-digit number; use relationships between them to simplify computations and to check results. 3.3 Solve problems involving multiplication of multidigit numbers by two-digit numbers. 3.4 Solve problems involving division of multidigit numbers by one-digit numbers.
		Texas Essential Knowledge and Skills, 111.6 Mathematics Grade 4	4 (D) use multiplication to solve problems involving two-digit numbers.
		South Carolina Dept. of Education Mathematics Standards, Numbers and Operations Standard III. B., Grade 4	*1. Construct and analyze algorithms for all operations on whole numbers.
		Virginia Public Schools Standards of Learning, Mathematics, Fourth Grade	4.7 The student will find the product of two whole numbers when one factor has two digits or fewer and the other factor has three digits or fewer, using estimation and paper and pencil. For larger products (a two-digit numeral times a three-digit numeral), estimation and calculators will be used.
Properties of numbers	Game 1 Equal or Not Equal? Game 2 Number Knowledge	Florida Dept. of Education Sunshine State Standards, Mathematics Fourth Grade, Number Sense, Concepts and Operations	<ul style="list-style-type: none"> <li>• Knows the properties of numbers including the following: <ul style="list-style-type: none"> <li>* the identity, commutative, and associative properties of addition</li> <li>* the zero and identity properties of multiplication</li> <li>* the commutative, associative, and distributive properties of multiplication.</li> </ul> </li> <li>• Knows rules of divisibility for 2, 3, 5, 9, and 10.</li> </ul>
		South Carolina Dept. of Education Mathematics Standards, Numbers and Operations Standard II. D., Grade 4	1. Recognize commutativity in the multiplication facts. *2. Use the associative and distributive properties to multiply efficiently. 3. Apply divisibility rules for 2, 5, and 10.
		Indiana Academic Standards, Mathematics Grade 4	4.2.7 Understand the special properties of 0 and 1 in multiplication and division.
Equations	Game 1 Equal or Not Equal?	California State Board of Education K-12 Content Standards, Grade 4 Mathematics, Algebra and Functions	2.1 Know and understand that equals added to equals are equal. 2.2 Know and understand that equals multiplied by equals are equal.
		Florida Dept. of Education Sunshine State Standards, Mathematics Fourth Grade, Algebraic Thinking	• Solves problems involving equations or simple inequalities using manipulatives, diagrams, or models, symbolic expressions, or written phrases.

Multistep and multioperation computation	Game 1 Equal or Not Equal? Game 4 Decimal Sums	California State Board of Education K-12 Content Standards, Grade 4 Mathematics, Algebra and Functions	1.2 Interpret and evaluate mathematical expressions that now use parentheses. 1.3 Use parentheses to indicate which operation to perform first when writing expressions containing more than two terms and different operations.
Polygons up to eight sides	Game 1 “Pol” Power Game 4 Fun with “Ph” Game 5 It Starts with Soft “C”	California State Board of Education K-12 Content Standards, Grade 4 Mathematics, Measurement and Geometry	3.8 Know the definition of different quadrilaterals (e.g., rhombus, square, rectangle, parallelogram, trapezoid).
		Florida Dept. of Education Sunshine State Standards, Mathematics Fourth Grade, Geometry and Spatial Sense	• Uses appropriate geometric vocabulary to describe properties and attributes of two- and three-dimensional figures (for example, faces, edges, vertices, and diameter).
		Texas Essential Knowledge and Skills, 111.6 Mathematics Grade 4	(C) Describe shapes and solids in terms of vertices, edges, and faces.
		Florida Dept. of Education Sunshine State Standards, Mathematics Fourth Grade, Geometry and Spatial Sense	• Draws and classifies two-dimensional figures having up to eight or more sides.
		Virginia Public Schools Standards of Learning, Mathematics, Fourth Grade	4. 17 a) analyze and compare the properties of two-dimensional (plane) geometric figures (circle, square, rectangle, triangle, parallelogram, and rhombus) and three-dimensional (solid) geometric figures (sphere, cube, and rectangular solid [prism]).
Three-dimensional figures	Game 3 Think 3-D	California State Board of Education K-12 Content Standards, Grade 4 Mathematics, Measurement and Geometry	3.6 Visualize, describe, and make models of geometric solids (e.g., prisms, pyramids) in terms of the number and shape of faces, edges, and vertices; interpret two-dimensional representations of three-dimensional objects; and draw patterns (of faces) for a solid that, when cut and folded, will make a model of the solid.
		Florida Dept. of Education Sunshine State Standards, Mathematics Fourth Grade, Geometry and Spatial Sense	• Uses appropriate geometric vocabulary to describe properties and attributes of two- and three-dimensional figures (for example, faces, edges, vertices, and diameter).
		Texas Essential Knowledge and Skills, 111.6 Mathematics Grade 4	(C) Describe shapes and solids in terms of vertices, edges, and faces.
		Virginia Public Schools Standards of Learning, Mathematics, Fourth Grade	4. 17 a) analyze and compare the properties of two-dimensional (plane) geometric figures (circle, square, rectangle, triangle, parallelogram, and rhombus) and three-dimensional (solid) geometric figures (sphere, cube, and rectangular solid [prism]).
		Indiana Academic Standards, Mathematics Grade 4	4.4.6 Construct cubes and prisms* and describe their attributes.

Find perimeters and areas of rectangles and squares	Game 4 Geometry Game 5 Mystery Square	California State Board of Education K-12 Content Standards, Grade 4 Mathematics, Algebra and Functions	1.4 Use and interpret formulas (e.g., area = length x width or $A = lw$ ) to answer questions about quantities and their relationships.
		California State Board of Education K-12 Content Standards, Grade 4 Mathematics, Measurement and Geometry	1.4 Understand and use formulas to solve problems involving perimeters and areas of rectangles and squares. Use those formulas to find the areas of more complex figures by dividing the figures into basic shapes.
		Florida Dept. of Education Sunshine State Standards, Mathematics Fourth Grade, Measurement	<ul style="list-style-type: none"> <li>Solves real-world problems involving perimeter, area, and volume using concrete, graphic, or pictorial models.</li> </ul>
		Texas Essential Knowledge and Skills, 111.6 Mathematics Grade 4	(12) Measurement. The student applies measurement concepts. The student is expected to measure to solve problems involving length, including perimeter, time, temperature, and area.
		Virginia Public Schools Standards of Learning, Mathematics, Fourth Grade	4.13 a) identify and describe situations representing the use of perimeter and area.
		Indiana Academic Standards, Mathematics Grade 4	4.5.3 Know and use formulas for finding the perimeters of rectangles and squares. 4.5.4 Know and use formulas for finding the areas of rectangles and squares.
Conversion of measurement units within customary system or metric system	Game 1 Meet Millicent	Florida Dept. of Education Sunshine State Standards, Mathematics Fourth Grade, Measurement	<ul style="list-style-type: none"> <li>Uses multiplication or division to convert units of measure within either the customary or metric system (for example: 100 cm = 1 m).</li> </ul>
		Virginia Public Schools Standards of Learning, Mathematics, Fourth Grade	4.10 b) identify equivalent measurements between units within the U.S. Customary system (ounces and pounds) and between units within the metric system (grams and kilograms). 4.11 b) identify equivalent measurements between units within the U.S. Customary system (inches and feet; feet and yards; inches and yards) and between units within the metric system (millimeters and centimeters; centimeters and meters; and millimeters and meters). 4.12 b) identify equivalent measurements between units within the U.S. Customary system (cups, pints, quarts, and gallons) and between units within the metric system (milliliters and liters).

Determination of appropriate unit of measurement	Game 3 They Measure What?	Florida Dept. of Education Sunshine State Standards, Mathematics Fourth Grade, Measurement	<ul style="list-style-type: none"> <li>• Knows an appropriate unit of measure to determine the dimension(s) of a given object (for example, standard - student chooses feet or inches instead of yards to measure a classroom desk; nonstandard - student chooses a pencil or his or her hand to measure a classroom desk).</li> <li>• Knows an appropriate unit of measure (standard or nonstandard) to measure weight, temperature, and capacity.</li> <li>• Selects an appropriate measurement unit for labeling the solution to real-world problems.</li> </ul>
		Texas Essential Knowledge and Skills, 111.6 Mathematics Grade 4	(11) Measurement. The student selects and uses appropriate units and procedures to measure weight and capacity. (A) estimate and measure weight using standard units including ounces, pounds, grams, and kilograms; and (B) Estimate and measure capacity using standard units including milliliters, liters, cups, pints, quarts, and gallons.
		Virginia Public Schools Standards of Learning, Mathematics, Fourth Grade	<p>4.10 a) estimate and measure weight/mass, using actual measuring devices, and describe the results in U.S. Customary/metric units as appropriate, including ounces, pounds, grams, and kilograms.</p> <p>4.11 a) estimate and measure length, using actual measuring devices, and describe the results in both metric and U.S. Customary units, including part of an inch (1/2, 1/4, and 1/8), inches, feet, yards, millimeters, centimeters, and meters.</p> <p>4.12 a) estimate and measure liquid volume, using actual measuring devices and using metric and U.S. Customary units, including cups, pints, quarts, gallons, milliliters, and liters.</p>
Units of time	Game 1 Meet Millicent Game 3 They Measure What?	Florida Dept. of Education Sunshine State Standards, Mathematics Fourth Grade, Measurement	<ul style="list-style-type: none"> <li>• Knows about varied time intervals, including decades, hours, minutes, and seconds.</li> </ul>

## Science

Topic	Games/Categories	Source of Standard	Standard
Electricity and magnetism	Game 1 Energy Game 1 “Pol” Power Game 1 Mystery Metal Game 2 Mighty “M” Science Game 5 It Starts with Soft “C”	NSES (National Science Education Standards) Grades K-4, Content Standard B, Light, Heat, Electricity, and Magnetism	<ul style="list-style-type: none"> <li>Electricity in circuits can produce light, heat, sound, and magnetic effects. Electrical circuits require a complete loop through which an electrical current can pass.</li> <li>Magnets attract and repel each other and certain kinds of other materials.</li> </ul>
		California State Board of Education K-12 Content Standards, Grade 4 Science	<p>1 b. <i>Students know</i> how to build a simple compass and use it to detect magnetic effects, including Earth's magnetic field.</p> <p>1 f. <i>Students know</i> that magnets have two poles (north and south) and that like poles repel each other while unlike poles attract each other.</p> <p>1 g. <i>Students know</i> electrical energy can be converted to heat, light, and motion.</p>
		South Carolina Dept. of Education Science Standards, Grade 4	<p>IV. B. 1. a. Recognize that electricity is a form of energy and can produce light and heat.</p> <p>IV. B. 1. c. Describe and illustrate with symbols the parts of an electrical circuit.</p> <p>IV. B. 2. a. Distinguish and describe objects that are magnetic and nonmagnetic.</p>
		Indiana Academic Standards, Science Grade 4	<p>4.3.15 Demonstrate that without touching them, a magnet pulls all things made of iron and either pushes or pulls other magnets.</p> <p>4.3.16 Investigate and describe that without touching them, material that has been electrically charged pulls all other materials and may either push or pull other charged material.</p>
Light	Game 4 Lighten Up	NSES (National Science Education Standards) Grades K-4, Content Standard B, Light, Heat, Electricity, and Magnetism	<ul style="list-style-type: none"> <li>Light travels in a straight line until it strikes an object. Light can be reflected by a mirror, refracted by a lens, or absorbed by the object.</li> <li>The sun provides the light and heat necessary to maintain the temperature of the earth.</li> </ul>
		NSES (National Science Education Standards) Grades K-4, Content Standard D, Objects in the Sky	<ul style="list-style-type: none"> <li>The sun provides the light and heat necessary to maintain the temperature of the earth.</li> </ul>
		South Carolina Dept. of Education Science Standards, Grade 4	<p>IV. A. 3. a. Observe and demonstrate that light waves travel in a straight line.</p> <p>IV. A. 3. c. Investigate and describe ways that light can be reflected, refracted, or absorbed by an object.</p>
		Indiana Academic Standards, Science Grade 4	4.3.11 Investigate, observe, and explain that things that give off light often also give off heat*.
		Florida Dept. of Education Sunshine State Standards, Science Fourth Grade, Earth and Space	<ul style="list-style-type: none"> <li>Knows how the energy of the Sun can be captured as a source of heat and light on Earth (for example, plants, solar panels).</li> </ul>

		Texas Essential Knowledge and Skills, 112.6 Science Grade 4	(C) Identify the Sun as the major source of energy for the Earth and understand its role in the growth of plants, in the creation of winds, and in the water cycle.
		California State Board of Education K-12 Content Standards, Grade 3 Science	1. a. <i>Students know</i> energy comes from the Sun to Earth in the form of light. 2. Light has a source and travels in a direction. As a basis for understanding this concept: b. <i>Students know</i> light is reflected from mirrors and other surfaces. c. <i>Students know</i> the color of light striking an object affects the way the object is seen.
Energy	Game 1 Energy Game 4 Lighten Up	Florida Dept. of Education Sunshine State Standards, Science Fourth Grade, Energy	<ul style="list-style-type: none"> <li>• Knows that most living things use energy from the Sun to live and grow.</li> <li>• Knows that most objects that emit light also emit heat.</li> <li>• Knows ways that energy can be transformed (for example, electricity to light, light to heat, mechanical to heat).</li> </ul>
		Florida Dept. of Education Sunshine State Standards, Science Fourth Grade, Earth and Space	• Knows how the energy of the Sun can be captured as a source of heat and light on Earth (for example, plants, solar panels).
		California State Board of Education K-12 Content Standards, Grade 4 Science	1 g. <i>Students know</i> electrical energy can be converted to heat, light, and motion.
		Texas Essential Knowledge and Skills, 112.6 Science Grade 4	(C) Identify the Sun as the major source of energy for the Earth and understand its role in the growth of plants, in the creation of winds, and in the water cycle.
		NSES (National Science Education Standards) Grades K-4, Content Standard D, Objects in the Sky	• The sun provides the light and heat necessary to maintain the temperature of the earth.
		South Carolina Dept. of Education Science Standards, Grade 4	IV. A. 1. a. Observe and describe sounds (a form of energy) produced by vibrating objects. IV. B. 1. a. Recognize that electricity is a form of energy and can produce light and heat.
		Pennsylvania Department of Education Academic Standards for Science 3.4 Grades K-4	B. Know basic energy types, sources and conversions. <ul style="list-style-type: none"> <li>• Identify energy forms and examples (e.g., sunlight, heat, stored, motion).</li> </ul>
Characteristics of living things	Game 3 Plants, Animals, or Both?	NSES (National Science Education Standards) Grades K-4, Content Standard C, Characteristics of Organisms	• Organisms have basic needs. For example, animals need air, water, and food; plants require air, water, nutrients, and light. Organisms can survive only in environments in which their needs can be met. The world has many different environments, and distinct environments support the life of different types of organisms.

Life cycles	Game 2 Mighty “M” Science Game 3 Plants, Animals, or Both?	NSES (National Science Education Standards) Grades K-4, Content Standard C, Life Cycles of Organisms	<ul style="list-style-type: none"> <li>Plants and animals have life cycles that include being born, developing into adults, reproducing, and eventually dying. The details of this life cycle are different for different organisms.</li> </ul>
		Texas Essential Knowledge and Skills, 112.6 Science Grade 4	6 (A) identify patterns of change such as in weather, metamorphosis, and objects in the sky.
		Indiana Academic Standards, Science Grade 4	4.4.6 Explain how in all environments, organisms are growing, dying, and decaying, and new organisms are being produced by the old ones.
Relationships within ecosystems	Game 2 Plants and Animals Together Game 3 System-Atic Game 5 Three-Syllable Science Words	NSES (National Science Education Standards) Grades K-4, Content Standard C, Organisms and their Environments	<ul style="list-style-type: none"> <li>An organism's patterns of behavior are related to the nature of that organism's environment, including the kinds and numbers of other organisms present, the availability of food and resources, and the physical characteristics of the environment. When the environment changes, some plants and animals survive and reproduce, and others die or move to new locations.</li> <li>All animals depend on plants. Some animals eat plants for food. Other animals eat animals that eat the plants.</li> </ul>
		California State Board of Education K-12 Content Standards, Grade 4 Science	<p>2 a. <i>Students know</i> plants are the primary source of matter and energy entering most food chains.</p> <p>2 b. <i>Students know</i> producers and consumers (herbivores, carnivores, omnivores, and decomposers) are related in food chains and food webs and may compete with each other for resources in an ecosystem.</p> <p>3. Living organisms depend on one another and on their environment for survival. As a basis for understanding this concept:</p> <p>c. <i>Students know</i> many plants depend on animals for pollination and seed dispersal, and animals depend on plants for food and shelter.</p>
		Florida Dept. of Education Sunshine State Standards, Science Fourth Grade, Energy	<ul style="list-style-type: none"> <li>Knows how to trace the flow of energy in a system (for example, in an ecosystem).</li> </ul>
		Florida Dept. of Education Sunshine State Standards, Science Fourth Grade, How Living Things Interact with Their Environment	<ul style="list-style-type: none"> <li>Knows how plants and animals interact with one another in an ecosystem (for example, organization of communities, flow of energy through food webs).</li> <li>Understands the relationship among organisms in aquatic and terrestrial food chains (for example, the role of producers, consumers, and decomposers).</li> <li>Understands patterns of interdependency in ecological systems.</li> </ul>
		Texas Essential Knowledge and Skills, 112.6 Science Grade 4	5 (A) identify and describe the roles of some organisms in living systems such as plants in a schoolyard, and parts in nonliving systems such as a light bulb in a circuit.

		Pennsylvania Department of Education Academic Standards for Environment and Ecology 4.3 Grades K-4	C. Understand that the elements of natural systems are interdependent.
		South Carolina Dept. of Education Science Standards, Grade 4	II. B. 1. An organism's patterns of behavior are related to the nature of that organism's environment, including the kinds and the numbers of other organisms present, the availability of food and resources, and the physical characteristics of the environment. II. B. 2. All organisms cause changes in the environment where they live. a. Describe how organisms may benefit their environment (e.g., earthworms improve the quality of soil, birds disperse seeds).
		Indiana Academic Standards, Science Grade 4	4.4.3 Observe and describe that organisms interact with one another in various ways, such as providing food, pollination, and seed dispersal.
Organisms that live within an ecosystem	Game 1 "Pol" Power Game 2 Locals Only	Pennsylvania Department of Education Academic Standards for Environment and Ecology 4.3 Grades K-4	C. Understand that the elements of natural systems are interdependent. <ul style="list-style-type: none"> <li>Identify some of the organisms that live together in an ecosystem.</li> </ul>
		California State Board of Education K-12 Content Standards, Grade 4 Science	3 b. <i>Students know</i> that in any particular environment, some kinds of plants and animals survive well, some survive less well, and some cannot survive at all.
		South Carolina Dept. of Education Science Standards, Grade 4	II. A. 1. a. Identify the characteristics of different environments, such as forests, wetlands, grasslands, deserts, and in polar, temperate, and tropical regions. II. A. 1. b. Describe the diversity of life forms (vertebrate and invertebrate animals and plants) supported by each environment.
Animal classification and characteristics	Game 2 Mighty "M" Science Game 4 Fun with "Ph"	South Carolina Dept. of Education Science Standards, Grade 4	II. A. 3. c. Distinguish major groups of organisms based on significant characteristics (e.g., body covering, number of legs, body parts, type of skeleton).
Prehistoric species	Game 2 "Di" Hard	Texas Essential Knowledge and Skills, 112.6 Science Grade 4	(C) Identify the kinds of species that lived in the past and compare them to existing species.
		Florida Dept. of Education Sunshine State Standards, Science Fourth Grade, How Living Things Interact with Their Environment	<ul style="list-style-type: none"> <li>Knows the kinds of organisms that lived in the past and compares them to existing species.</li> </ul>

Environmental issues	Game 1 Mystery Metal Game 1 “Pol” Power	NSES (National Science Education Standards) Grades K-4, Content Standard F, Changes in Environments	<ul style="list-style-type: none"> <li>Changes in environments can be natural or influenced by humans. Some changes are good, some are bad, and some are neither good nor bad. Pollution is a change in the environment that can influence the health, survival, or activities of organisms, including humans.</li> </ul>
		NSES (National Science Education Standards) Grades K-4, Content Standard F, Types of Resources	<ul style="list-style-type: none"> <li>The supply of many resources is limited. If used, resources can be extended through recycling and decreased use.</li> </ul>
		Idaho Achievement Standards, Science Standards Grade 4	596. 01. Understand common environmental quality issues, both natural and human induced.
		South Carolina Dept. of Education Science Standards, Grade 4	II. B. 3. c. Infer the impact of industrial technologies (e.g., air/land/water pollution and improved standard of living) on society and the environment.
Forces that shape the earth	Game 3 Our Changing Earth Game 5 Earth Shapers	NSES (National Science Education Standards) Grades K-4, Content Standard D, Changes in the Earth and Sky	<ul style="list-style-type: none"> <li>The surface of the earth changes. Some changes are due to slow processes, such as erosion and weathering, and some changes are due to rapid processes, such as landslides, volcanic eruptions, and earthquakes.</li> </ul>
		California State Board of Education K-12 Content Standards, Grade 4 Science	<p>4 a. <i>Students know</i> how to differentiate among igneous, sedimentary, and metamorphic rocks by referring to their properties and methods of formation (the rock cycle).</p> <p>5. Waves, wind, water, and ice shape and reshape Earth's land surface. As a basis for understanding this concept:</p> <p>a. <i>Students know</i> some changes in the earth are due to slow processes, such as erosion, and some changes are due to rapid processes, such as landslides, volcanic eruptions, and earthquakes.</p> <p>b. <i>Students know</i> natural processes, including freezing and thawing and the growth of roots, cause rocks to break down into smaller pieces.</p> <p>c. <i>Students know</i> moving water erodes landforms, reshaping the land by taking it away from some places and depositing it as pebbles, sand, silt, and mud in other places (weathering, transport, and deposition).</p>
		Florida Dept. Education Sunshine State Standards Science Grade 4: Processes that Shape the Earth	<ul style="list-style-type: none"> <li>Understands how processes of weathering and erosion constantly change the surface of the Earth.</li> <li>Understands the stages of the rock cycle.</li> </ul>
		Texas Essential Knowledge and Skills 112.5 Science Grade 3	6 (B) identify that the surface of the Earth can be changed by forces such as earthquakes and glaciers.
		Texas Essential Knowledge and Skills, 112.6 Science Grade 4	10 (A) identify and observe effects of events that require time for changes to be noticeable including growth, erosion, dissolving, weathering, and flow.

		Pennsylvania Department of Education Academic Standards for Science 3.5 Grade K-4	A. Know basic landforms and earth history. Describe earth processes (e.g., rusting, weathering, erosion) that have affected selected physical features in students' neighborhoods.
		South Carolina Dept. of Education Social Studies Standards, Grade 4	4.8.2 communicate how physical processes help to shape features and patterns on the Earth's surface.
		Indiana Academic Standards, Social Studies Grade 4	4.3.6 Explain how glacial periods shaped Indiana's landscape and environment.
		Indiana Academic Standards, Science Grade 4	4.3.5 Describe how waves, wind, water, and glacial ice shape and reshape Earth's land surface by the erosion* of rock and soil in some areas and depositing them in other areas. 4.3.7 Explain that smaller rocks come from the breakage and weathering of bedrock and larger rocks and that soil is made partly from weathered rock, partly from plant remains, and also contains many living organisms.
Layers of the earth	Game 5 Three-Syllable Science Words	Indiana Academic Standards, Social Studies Grade 4	4.3.7 Describe Earth's atmosphere*, lithosphere*, hydrosphere*, and biosphere*, and explain how these systems affect life in Indiana. *atmosphere: the gases that surround Earth, including the air we breathe
		South Carolina Dept. of Education Social Studies Standards, Grade 4	4.8.1 define the components of the Earth's physical systems: the atmosphere, lithosphere, hydrosphere, and biosphere.
Identify bodies of salt water and fresh water	Game 5 Salty or Fresh?	Pennsylvania Department of Education Academic Standards for Science 3.5 (Grades K-4)	D. Recognize the earth's different water resources. <ul style="list-style-type: none"> <li>Identify and describe types of fresh and salt-water bodies.</li> </ul>
		Indiana Academic Standards, Science Grade 4	4.3.3 Identify salt as the major difference between fresh and ocean waters.
Solar system	Game 2 Mighty "M" Science Game 3 System-Atic Game 5 Three-Syllable Science Words	Florida Dept. of Education Sunshine State Standards, Science Fourth Grade, Earth and Space	<ul style="list-style-type: none"> <li>Knows characteristics of Jupiter, Saturn, Uranus, Neptune, and Pluto.</li> <li>Knows that gravity is the one of the forces that keeps planets arranged in orbits around the Sun and the Moon in orbit around the Earth.</li> <li>Understands that the Sun is a medium-sized star located near the edge of a galaxy containing billions of other stars, which in turn is one of innumerable galaxies in the Universe.</li> </ul>
		Pennsylvania Department of Education Academic Standards for Science 3.4 Grades K-4	C. Describe the composition and structure of the universe and the earth's place in it. <ul style="list-style-type: none"> <li>Recognize earth's place in the solar system.</li> <li>Identify planets in our solar system and their general characteristics.</li> </ul>

Seasons	Game 1 What's the Season?	Florida Dept. of Education Sunshine State Standards, Science Fourth Grade, Earth and Space	<ul style="list-style-type: none"> <li>Knows that the tilt of the Earth causes the change of seasons, length of day, and the amount of energy available.</li> </ul>
		NSES (National Science Education Standards) Grades K-4, Content Standard D, Changes in Earth and Sky	<ul style="list-style-type: none"> <li>Weather changes from day to day and over the seasons. Weather can be described by measurable quantities, such as temperature, wind direction and speed, and precipitation.</li> </ul>
		Indiana Academic Standards, Social Studies Grade 4	<p>4.3.3 Explain the essential facts of Earth/sun relationships* and be able to relate these to the climate of Indiana.</p> <p>*Earth/sun relationships: the rotation and tilt of Earth on its axis and the revolution of Earth around the sun influence climate variation on Earth; Indiana has major seasonal differences in climate relating to changes in the position of the sun and the amount of sunlight received</p>
		Pennsylvania Department of Education Academic Standards for Science 3.4 (Grades K-4)	<p>C. Know basic weather elements.</p> <p>D. Describe the composition and structure of the universe and the earth's place in it.</p> <ul style="list-style-type: none"> <li>Explain and illustrate the causes of seasonal changes.</li> </ul>
		Texas Essential Knowledge and Skills, 112.6 Science Grade 4	6 (A) identify patterns of change such as in weather, metamorphosis, and objects in the sky.
		South Carolina Dept. of Education Science Standards, Grade 4	<p>III. A. 2. b. Model and describe how the tilt of the Earth on its axis and its revolution around the sun produce seasonal changes.</p> <p>III. A. 2. c. Describe how sunrise/sunset patterns change over time.</p> <p>III. B. 1. Weather changes from day to day and over the seasons.</p> <p>a. Observe daily and seasonal weather patterns.</p> <p>III. B. 2. Weather can be described by measurable quantities, such as temperature, wind direction, speed, and precipitation.</p>
		South Carolina Dept. of Education Social Studies Standards, Grade 4	4.8.3 describe how Earth's position relative to the sun affects conditions on Earth.
Human body	Game 2 "Di" Hard Game 3 System-Atic	Florida Dept. of Education Sunshine State Standards, Science Fourth Grade, Processes of Life	<ul style="list-style-type: none"> <li>Knows the major organ systems of the human body.</li> <li>Understands the functions of various body systems.</li> </ul>
		Texas Essential Knowledge and Skills, 115.6 Health Education Grade 4	2 (B) describe the basic function of major body systems such as the circulatory and digestive systems.

Systems	Game 3 System-Atic	Texas Essential Knowledge and Skills, 112.6 Science Grade 4	(a) Introduction (5) A system is a collection of cycles, structures, and processes that interact. Students should understand a whole in terms of its components and how these components relate to each other and to the whole. 5 (A) identify and describe the roles of some organisms in living systems such as plants in a schoolyard, and parts in nonliving systems such as a light bulb in a circuit.
Cells	Game 5 Three-Syllable Science Words Game 5 It Starts with Soft “C”	Florida Dept. of Education Sunshine State Standards, Science Fourth Grade, Processes of Life	<ul style="list-style-type: none"> <li>• Knows that living things are composed of cells.</li> </ul>
		Indiana Academic Standards, Science Grade 4	4.4.1 Investigate, such as by using microscopes, to see that living things are made mostly of cells.
Nutrition and health	Game 4 “Tion” Fun Game 4 Ex-It Game 5 Three-Syllable Science Words	NSES (National Science Education Standards) Grades K-4, Content Standard F, Personal Health	<ul style="list-style-type: none"> <li>• Nutrition is essential to health. Students should understand how the body uses food and how various foods contribute to health. Recommendations for good nutrition include eating a variety of foods, eating less sugar, and eating less fat.</li> <li>• Individuals have some responsibility for their own health. Students should engage in personal care--dental hygiene, cleanliness, and exercise--that will maintain and improve health.</li> </ul>
		Texas Essential Knowledge and Skills, 115.6 Health Education Grade 4	1 (A) identify the benefits of six major nutrients contained in foods.

## Social Studies

Topic	Games/Categories	Source of Standard	Standard
United States Constitution	Game 2 Final Jeopardy!	CCE National Standards for Civics and Government, K-4	<p>III. A. 1. Students should be able to describe what the United States Constitution is and why it is important. To achieve this standard, students should be able to explain that the United States Constitution is a written document that</p> <ul style="list-style-type: none"> <li>• states that the basic purposes of their government are to protect individual rights and promote the common good</li> <li>• describes how the government is organized</li> </ul>
		California State Board of Education K-12 Content Standards, Grade 4 History–Social Science	4.5 1. Discuss what the U.S. Constitution is and why it is important (i.e., a written document that defines the structure and purpose of the U.S. government and describes the shared powers of federal, state, and local governments).
		South Carolina Dept. of Education Social Studies Standards, Grade 4	4.4.1 describe what the U.S. Constitution is and explain why it is important.
		National Center for History in the Schools (NCHS) History Standards for Grades K-4	<p>Standard 4A</p> <p>Identify and explain the basic principles that Americans set forth in the documents that declared the nation’s independence from England (the Declaration of Independence) and that created the new nation’s government (U.S. Constitution). [Demonstrate and explain the influence of ideas]</p>
American symbols	Game 1 Patriotic Places	CCE National Standards for Civics and Government, K-4	<p>II. C. 1. Students should be able to explain the importance of Americans sharing and supporting certain values, principles, and beliefs.</p> <ul style="list-style-type: none"> <li>• identify symbols used to depict Americans' shared values, principles, and beliefs and explain their meaning, e.g., the flag, Statue of Liberty, Statue of Justice, Uncle Sam, Great Seal, national anthem, oaths of office, and mottoes such as E Pluribus Unum</li> </ul>
		National Center for History in the Schools (NCHS) History Standards for Grades K-4	<p>Standard 4E</p> <p>Describe the history of American symbols such as the eagle, the Liberty Bell, George Washington as the “father of our country,” and the national flag.</p> <p>Standard 4E</p> <p>Explain why important buildings, statues, and monuments are associated with state and national history, such as the White House, Lincoln Memorial, Statue of Liberty, Ellis Island, Angel Island, Mt. Rushmore, and veteran’s memorials.</p>

Citizenship	Game 10 It Starts with Soft “C”	CCE National Standards for Civics and Government, K-4	<p>II. B. 1. Students should be able to identify some important beliefs commonly held by Americans about themselves and their government.</p> <ul style="list-style-type: none"> <li>• all people have a right to participate in political life by expressing their opinions and trying to persuade others; all citizens over 18 years of age have the right to vote; and citizens who meet age and other qualifications have the right to seek public office</li> </ul>
		Texas Essential Knowledge and Skills, 113.6 Social Studies Grade 4	(18) Citizenship. The student understands the importance of voluntary individual participation in the democratic process.
		Indiana Academic Standards, Social Studies Grade 4	4.2.6 Give examples of how citizens can participate in their state government, and explain the right and responsibility of voting.
		South Carolina Dept. of Education Social Studies Standards, Grade 4	4.5.1 discuss what it means to be a citizen
Responsibilities and organization of federal, state and local governments	Game 1 “Pol” Power Game 4 Local, State, or Federal	CCE National Standards for Civics and Government, K-4	<p>III. B. 1. Students should be able to give examples of ways the national government protects individual rights and promotes the common good.</p> <p>III. C. 1. Students should be able to explain the most important responsibilities of their state government. To achieve this standard, students should be able to</p> <ul style="list-style-type: none"> <li>• distinguish between the national and state governments</li> <li>• describe important services their state government provides, e.g., education, law enforcement, health services and hospitals, roads and highways, public welfare</li> </ul> <p>III. D. 1. Students should be able to explain the most important responsibilities of their local government. To achieve this standard, students should be able to</p> <ul style="list-style-type: none"> <li>• distinguish among national, state, and local governments</li> <li>• describe services commonly and primarily provided by local governments <ul style="list-style-type: none"> <li>▪ public safety, e.g., police, fire, street lighting services</li> <li>▪ public utilities, e.g., water, gas, electricity</li> <li>▪ transportation, e.g., streets, highways, bus or subway systems, airports, harbors</li> <li>▪ education and recreation, e.g., schools, libraries, museums, parks, sports facilities</li> </ul> </li> </ul>

		California State Board of Education K-12 Content Standards, Grade 4 History–Social Science	4.5 3. Describe the similarities (e.g., written documents, rule of law, consent of the governed, three separate branches) and differences (e.g., scope of jurisdiction, limits on government powers, use of the military) among federal, state, and local governments. 4.5 4. Explain the structures and functions of state governments, including the roles and responsibilities of their elected officials.
		Florida Dept. of Education Sunshine State Standards, Social Studies Fourth Grade; Government and the Citizen	• Knows basic things Florida government does in one’s school, community, state, and nation.
		South Carolina Dept. of Education Social Studies Standards, Grade 4	4.4.2 express what the national government does and how it protects individual rights and promotes the common good.
Geography concepts and vocabulary	Game 4 “Tion” Fun	Indiana Academic Standards, Social Studies Grade 4	4.2.5 Explain that Indiana is one of fifty states in the United States and that other countries are also made up of smaller units, such as states, provinces, or territories.
		California State Board of Education K-12 Content Standards, Grade 4 History–Social Science	4.5 5. Describe the components of California’s governance structure (e.g., cities and towns, Indian rancherias and reservations, counties, school districts).
		Texas Essential Knowledge and Skills, 113.6 Social Studies Grade 4	7 (A) describe a variety of regions in Texas and the Western Hemisphere such as political, population, and economic regions that result from patterns of human activity.
Identify places and features of own state	Game 2 The State You’re In	California State Board of Education K-12 Content Standards, Grade 4 History–Social Science	4.1 3. Identify the state capital and describe the various regions of California, including how their characteristics and physical environments (e.g., water, landforms, vegetation, and climate) affect human activity. 4.1 4. Identify the locations of the Pacific Ocean, rivers, valleys, and mountain passes and explain their effects on the growth of towns.
		Florida Dept. of Education Sunshine State Standards, Social Studies Fourth Grade; Time, Continuity and Change	• knows selected physical features of Florida (for example, bodies of water, climate, elevation)
		Indiana Academic Standards, Social Studies Grade 4	4.3.4 Locate Indiana on a map of the United States; indicate the state capital, major cities, and rivers in Indiana and be able to place these on a blank map of the state.
		Virginia Public Schools Standards of Learning, Social Studies/History Fourth Grade	VS 2. a) Locating Virginia and its bordering states on maps of the United States. VS 2. c) Locating and identifying water features important to the early history of Virginia (Atlantic Ocean, Chesapeake Bay, James River, York River, Potomac River, and Rappahannock River). VS 10. b) Describing the major products and industries of Virginia’s five geographic regions.

Economics vocabulary	Game 4 Ex-It	South Carolina Dept. of Education Social Studies Standards, Grade 4	4.14.2 define imports and exports and give examples of each
Identify currency	Game 2 Money Around the World	The National Council on Economic Education’s Voluntary National Content Standards in Economics, Grade 4 Benchmarks	Content Standard 11 5. Most countries create their own currency for use as money. Students will use this knowledge to: Identify the currencies they would want to buy if they were going on a trip to Brazil, France, Romania, Vietnam, Australia, Japan and Kenya.
Major events in U.S. and state history	Game 1 Mystery Metal Game 1 Patriotic Places Game 4 “Shun” Spell-A-Thon Game 4 Ex-It Game 5 It Starts with Soft “C” Game 5 First Things First	National Center for History in the Schools (NCHS) History Standards for Grades K-4	Standard 3D Examine various written accounts in order to identify and describe regional or state examples of major historical events and developments that involved interaction among various groups (e.g., the Alamo, the Underground Railroad, the building of the Transcontinental Railroad, and the California Gold Rush). Standard 4D Describe the history of events, such as the signing of the Mayflower Compact and the Declaration of Independence, and the writing of the Constitution, the Bill of Rights, and the Emancipation Proclamation.
		California State Board of Education K-12 Content Standards, Grade 4 History–Social Science	4.2.4. Describe the mapping of, geographic basis of, and economic factors in the placement and function of the Spanish missions; and understand how the mission system expanded the influence of Spain and Catholicism throughout New Spain and Latin America. 4.4 1. Understand the story and lasting influence of the Pony Express, Overland Mail Service, Western Union, and the building of the transcontinental railroad, including the contributions of Chinese workers to its construction. 4.4 2. Explain how the Gold Rush transformed the economy of California, including the types of products produced and consumed, changes in towns (e.g., Sacramento, San Francisco), and economic conflicts between diverse groups of people.
		Florida Dept. of Education Sunshine State Standards, Social Studies Fourth Grade; Time, Continuity and Change	• Knows causes, key events, and effects of the Civil War and Reconstruction in Florida.
		Texas Essential Knowledge and Skills, 113.6 Social Studies Grade 4	4 (A) describe the impact of the Civil War and Reconstruction on Texas
		Indiana Academic Standards, Social Studies Grade 4	4.1.3 Explain the importance of the Revolutionary War and other key events and people that influenced Indiana’s development. 4.1.8 Summarize the participation of Indiana citizens in the Civil War.

		South Carolina Dept. of Education Social Studies Standards, Grade 4	4.1 The learner will demonstrate an understanding of the major developments in the history of the United States from the earliest human settlements through Reconstruction. The student should be able to 4.1.7 describe the key events and effects of the American Revolution on the new country. 4.1.16 state the causes and events leading to the Civil War. 4.1.17 identify the notable figures of the Civil War and the roles they played.
		Virginia Public Schools Standards of Learning, Social Studies/History Fourth Grade	VS. 5 b.) Identifying the various roles played by Virginians in the Revolutionary War era, with emphasis on George Washington, Thomas Jefferson, and Patrick Henry. VS. 7 The student will demonstrate knowledge of the issues that divided our nation and led to the Civil War.
Order of events	Game 5 First Things First	National Center for History in the Schools (NCHS) History Standards for Grades K-4	Standard 3B Reconstruct in timelines the order of early explorations and settlements including explorers, early settlements, and cities. [Establish temporal order] Standard 3D List in chronological order the major historical events that are part of the state's history. [Establish temporal order]
		Virginia Public Schools Standards of Learning, Social Studies/History Fourth Grade	VS. 1 f) sequence events in Virginia history.
Explorers	Game 4 Ex-It	National Center for History in the Schools (NCHS) History Standards for Grades K-4	Standard 7B Draw upon historical narratives to identify early explorers and world travelers, such as Marco Polo, Zheng He, Eric the Red, and Christopher Columbus, and to describe the knowledge gained from their journeys.
Identify primary and secondary sources	Game 5 Final Jeopardy!	Indiana Academic Standards, Social Studies Grade 4	4.1.15 Using primary source* and secondary source* materials, generate a question, seek answers, and write brief comments about an event in Indiana history. *primary source: developed by people who experienced the events being studied (i.e., autobiographies, diaries, letters, government documents) *secondary source: developed by people who have researched events but did not experience them directly (i.e., articles, biographies, Internet resources, non-fiction books)
		Texas Essential Knowledge and Skills, 113.6 Social Studies Grade 4	22 (A) differentiate between, locate, and use primary and secondary sources such as computer software; interviews; biographies; oral, print, and visual material; and artifacts to acquire information about the United States and Texas.

		Florida Dept. of Education Sunshine State Standards, Social Studies Fourth Grade; Time, Continuity and Change	<ul style="list-style-type: none"> <li>• Knows different types of primary and secondary sources (for example, artifacts, diaries, letters, photographs, art, documents, newspapers, books, Internet sites about Florida history).</li> </ul>
		Virginia Public Schools Standards of Learning, Social Studies/History Fourth Grade	VS1 a) identify and interpret artifacts and primary and secondary source documents to understand events in history.