IGNITE SKILL DESCRIPTORS

Literacy

Strand	Subdomain	Level	Skill Descriptor
Listening Comprehension		5	Recalls the order of events in a story
Listening Comprehension		6	Recalls several facts from expository text
Listening Comprehension		7	Makes text-to-text connections
Listening Comprehension		8	Draws a picture to summarize text and labels key details
Listening Comprehension		9	Identifies the main topic of a text
Listening Comprehension		10	Retells a story demonstrating an understanding of the central message or lesson
Listening Comprehension		11	Identifies settings and major events in a story using key detail
Listening Comprehension		12	Describes how two individuals, events, or pieces of information in a text are connected
Phonics		5	Recognizes 26 uppercase and 20 lowercase letters
Phonics		6	Identifies all 26 uppercase and lowercase letters
Phonics		7	Rapidly identifies all 26 uppercase and lowercase letters
Phonics		6	Decodes CVC words with short vowel sounds
Phonics		7	Decodes CCVC words with consonant diagraphs
Phonics		8	Decodes CVCe words with long vowel sounds
Phonics		9	Determines the number of syllables in a printed word
Phonics		10	Decodes two-syllable words that follow basic patterns
Phonics		11	Reads words with inflectional endings
Phonics		12	Reads grade-appropriate irregularly spelled words
Phonics		5	Identifies 15 uppercase and 10 lowercase letters based on their sounds
Phonics		6	Identifies all uppercase and 20 lowercase letters based on their sounds
Phonics		7	Identifies all 26 uppercase and lowercase letters based on their sounds
Phonics		8	Identifies vowels based on long vowel sounds

Phonological Awareness	5	Sorts words by onset
Phonological Awareness	6	Sorts words with initial diagraphs by onset
Phonological Awareness	5	Blends phonemes to form simple words
Phonological Awareness	6	Blends phonemes to form simple words quickly
Phonological Awareness	7	Blends phonemes to form a one-syllable word with consonant digraphs
Phonological Awareness	8	Blends phonemes to form one-syllable words with consonant blends
Phonological Awareness	5	Sorts words by rhyme
Phonological Awareness	6	Fills in rhyming words
Phonological Awareness	5	Explores segmenting simple words into individual phonemes
Phonological Awareness	6	Isolates final sounds in CVC words
Phonological Awareness	7	Isolates medial vowel sounds in CVC words (short vowels only)
Phonological Awareness	8	Identifies consonants that are combined to form a consonant blend
Phonological Awareness	6A	Adds an initial phoneme to a given word to create a new word
Phonological Awareness	6B	Adds a final phoneme to a given word to create a new word
Phonological Awareness	6C	Adds a medial phoneme to a word to create a new word
Phonological Awareness	7A	Deletes an initial phoneme from a given word to create a new word
Phonological Awareness	7B	Deletes a final phoneme from a given word to create a new word
Phonological Awareness	7C	Deletes a medial phoneme from a word to create a new word
Phonological Awareness	8A	Substitutes an initial phoneme in a given word to create a new word
Phonological Awareness	8B	Substitutes a final phoneme in a given word to create a new word
Phonological Awareness	8C	Substitutes a medial phoneme in a word to create a new word
Reading	5	Interacts during a read-aloud with call and response or movements
Reading	6	Answers simple recall questions about a text with short, predictable sentences that directly relate to illustrations
Reading	7	Recalls the order of events after reading a text
Reading	8	Makes simple predictions and inferences about a text
Reading	6	Answers simple recall questions about texts with short, predictable sentences that directly relate to illustrations
Reading	7	Demonstrates an understanding of content-specific vocabulary used in a text
Reading	8	Recalls the order of procedures after reading a procedural text

Reading		5	Distinguishes letters from words
Reading		6	Distinguishes between uppercase and lowercase letters
Reading		7	Tracks written text along with spoken text
Reading		8	Identifies features of nonfiction texts
Reading		6	Identifies the following sight words: the, can, is, a, I, see, on, he, she, at
Reading		7	Identifies the following sight words: to, in, you, it, was, that, his, and, for, are
Reading		8	Identifies the following sight words: of, with, they, be, this, have, from, we, look, my
Reading		6	Describes the relationship between illustrations and a story
Reading		7	Compares and contrasts the experiences of characters in a story
Reading		8	Describes the characters, setting, or events in a story using illustrations and/or details
Reading		9	Describes characters, setting, or events using illustrations and details in a story
Reading		10	Describes the key ideas of a text using illustrations and text details
Reading		11	Identifies the reasons an author gives to support points in a text
Reading		12	Identifies similarities and differences between two texts on the same topic
Reading		6	Answers questions about words in a text
Reading		7	Recognizes common types of texts
Reading		8	Names the author and illustrator of a text and defines the role of each
Reading		9	Identifies words or phrases in poems or stories that indicate feelings or appeal to the senses
Reading		10	Identifies who is telling the story at different points in a text
Reading		11	Identifies whether information has been provided by pictures or illustrations or by the words in a text
Reading		12	Uses various text features (e.g. headings, glossaries, tables of contents) to locate key facts or information in a text
Writing		5	Writes letter strings with spaces
Writing		6	Labels a picture with at least the initial sound
Writing		7	Uses invented or phonetic spelling
Writing		8	Uses capital letters at the beginning of a sentence and ending punctuation

Mathematics			
Strand	**Subdomain**	**Level**	**Skill Descriptor**
Operations and Algebraic Thinking		5	Finds the total by counting on from the first addend with sums up to 10
Operations and Algebraic Thinking		6	Given a set of objects, adds on to the set to make a given total (e.g., there are four bears and the child is asked to make there be seven; the child adds three more bears)

Operations and Algebraic Thinking	7	Determines the missing addend by adding on objects (e.g., you have five balls and then get some more. Now you have seven in all. How many did you get?)
Operations and Algebraic Thinking	8A	Finds the total when given a word problem by modeling with manipulatives when the sum is 15 or less (manipulatives are not a direct representation of the objects in the word problems)
Operations and Algebraic Thinking	8B	Finds the total when given a word problem by modeling with manipulatives and then writing the corresponding equation
Operations and Algebraic Thinking	9	Solves addition word problems within 20.
Operations and Algebraic Thinking	10	Solves addition word problems of three whole numbers whose sum is less than or equal to 20 by using objects, drawings, and equations.
Operations and Algebraic Thinking	11	Adds using properties of operations (commutative and associative properties of addition)
Operations and Algebraic Thinking	12	Adds fluently within 20.
Operations and Algebraic Thinking	5	Extends and fills in missing parts of AABBAA, ABCABC, and ABBABB patterns
Operations and Algebraic Thinking	6	Creates varied repeating patterns
Operations and Algebraic Thinking	7	Fills and extends in patterns involving numbers
Operations and Algebraic Thinking	8A	Creates patterns with numbers
Operations and Algebraic Thinking	8B	Describes growing patterns
Operations and Algebraic Thinking	6	Given a set of objects, takes away from the set to make a given total (i.e. there are 6 bears and the child is asked to make there be 3; child takes away three bears)
Operations and Algebraic Thinking	7	Determines how many were taken away when given the starting total and the ending total (You had 8 cookies and gave some to your friend. Now you have 5 cookies. How many did you give to your friend?)
Operations and Algebraic Thinking	8A	Finds the difference when given a word problem by modeling with manipulatives when the whole is 15 or less (manipulatives are not a direct representation of the objects in the word problems)
Operations and Algebraic Thinking	8B	Finds the difference when given a word problem by modeling with manipulatives and writing the corresponding equation
Operations and Algebraic Thinking	9	Solves subtraction word problems within 20.
Operations and Algebraic Thinking	10	Solves subtraction problems by knowing the missing addend (i.e. Subtract 10-7 by knowing what number makes 10 when added to 7).
Operations and Algebraic Thinking	11	Subtracts using properties of operations (commutative and associative properties of addition)
Operations and Algebraic Thinking	12	Subtracts fluently within 20.
Counting and Cardinality	5	Counts sets of up to 10 objects to compare when objects are the same or different sizes
Counting and Cardinality	6	Determines "how many" more are in the larger set when provided sets with up to 10 objects
Counting and Cardinality	7	Counts sets of up to 20 objects to compare when objects are the same size
Counting and Cardinality	8	Generates sets that are greater or less than a given number up to 20

Counting and Cardinality	6	Identifies the missing part to complete wholes up to 5
Counting and Cardinality	7	Identifies the missing part to complete wholes up to 10
Counting and Cardinality	8A	Uses understanding of place value to compose numbers between 11 and 20
Counting and Cardinality	8B	Writes the composition of two numbers totaling 11–20 as an equation
Counting and Cardinality	6	Given the whole (up to 5), identifies two parts that can be used to create the whole
Counting and Cardinality	7	Given the whole (up to 10), identifies two parts that can be used to create the whole
Counting and Cardinality	8A	Uses understanding of place value to decompose numbers between 11 and 20
Counting and Cardinality	8B	Writes the decomposition of two numbers totaling 11–20 as an equation
Counting and Cardinality	5	Identifies the number that comes before or after a number between 0 and 10
Counting and Cardinality	6	Orders numerals 0 to 10 forward and backward
Counting and Cardinality	7	Recognizes 11-20
Counting and Cardinality	8A	Names the number that comes before or after 11-20
Counting and Cardinality	8B	Counts to 100 by tens
Counting and Cardinality	8C	Counts beyond 100 starting at any number
Counting and Cardinality	5	Writes numerals 0–10
Counting and Cardinality	6	Labels sets of up to 10 with a written numeral
Counting and Cardinality	7	Writes numerals 11–20
Counting and Cardinality	8A	Labels sets of up to 20 with a written numeral
Counting and Cardinality	8B	Writes two-digit numerals up to 100
Counting and Cardinality	5	Arranges up to four objects using knowledge of ordinal positions
Counting and Cardinality	6	Identifies ordinal numbers "first "through "fifth"
Counting and Cardinality	7	Identifies ordinal numbers "first" through "tenth"
Counting and Cardinality	5	Produces sets of up to 10 objects
Counting and Cardinality	6	Counts sets of up to 20 objects
Counting and Cardinality	7	Produces sets of up to 20 objects
Counting and Cardinality	8	Counts sets of up to 30 objects
Counting and Cardinality	5	Instantly recognizes collections up to 5 (perceptual subitizing)
Counting and Cardinality	6	Instantly recognizes collections up to 5 when collections contains two colors (conceptual subitizing)
Counting and Cardinality	7	Instantly recognizes collections up to 10 that are made by combining two smaller groupers (conceptual subitizing)

Counting and Cardinality	8	Instantly recognizes collections up to 20 shown in tens frames (conceptual subitizing)
Math Applications	5	Sorts objects based on two attributes
Math Applications	6	Interprets simple picture graphs
Math Applications	7	Creates picture graphs with two categories
Math Applications	8	Compares and contrasts data points on simple graphs
Math Applications	5	Orders up to 10 objects by length and height
Math Applications	6	Indirectly compares the lengths of two objects by using a third object
Math Applications	7	Uses a nonstandard unit of measurement to measure and compare objects
Math Applications	8	Uses standard measurement tools to compare two objects
Math Applications	9	Expresses the length of an object as a whole number of length units
Math Applications	10	Tells time in hours and half-hours using analog and digital clocks
Math Applications	11	Writes time in hours and half-hours using analog and digital clocks
Math Applications	12	Compares and contrasts data points on graphs with three categories
Geometry	5	Identifies what 2D shapes create the faces of 3D objects
Geometry	6	Describes attributes of basic 2D shapes
Geometry	7	Compares 2D shapes
Geometry	8	Identifies more complex shapes (pentagon, hexagon, rhombus, trapezoid, and oval)
Geometry	6	Draws basic 2D shapes
Geometry	7	Composes simple shapes to form larger shapes
Geometry	8	Partitions shapes into simple shapes
Geometry	5	Appropriately responds to positional words indicating position, direction and distance
Geometry	6	Uses simple sketches, models, or maps to locate objects
Geometry	7	Understands that shapes remain the same when they are moved, turned, flipped, or slid
Geometry	8	Creates representations of shapes based on knowledge of defining attributes (e.g., number of sides, angles, etc.)
Geometry	5	Distinguishes between 2D and 3D shapes
Geometry	6	Describes attributes of basic three-dimensional shapes
Geometry	7	Identifies a 3D shape based on its attributes
Geometry	8	Compares basic 3D shapes
Geometry	9	Distinguishes between defining attributes and non-defining attributes

Geometry	10	Draws shapes to possess defining attributes
Geometry	11	Builds two-dimensional shapes to create a composite shape and then composes new shapes from the composite shape.
Geometry	12	Demonstrates understanding of two or four equal shares of a partitioned shape

Language and Communication

Subdomain	Level	Skill Descriptor
Receptive Language	5	Responds to "how" questions
Listening and Understanding	5	Carries out multistep requests that relate to familiar activities or situations
Listening and Understanding	6	Attends to multiple details in directions
Listening and Understanding	7	Carries out multistep directions with multiple details
Listening and Understanding	8	Carries out multistep directions with multiple details that involve a new or an unfamiliar activity or situation
Academic Vocabulary	5	Applies an understanding of some cross-curricular, kindergarten-level Tier 2 words
Academic Vocabulary	6	Applies an understanding of more cross-curricular, kindergarten-level Tier 2 words
Academic Vocabulary	7	Applies an understanding of a range of cross-curricular, kindergarten-level Tier 2 words
Academic Vocabulary	8	Applies an understanding of some cross-curricular, first-grade-level Tier 2 words
Vocabulary	5	Demonstrates an understanding of cross-curricular words
Vocabulary	6	Demonstrates an understanding of basic multiple-meaning words
Vocabulary	7	Makes connections between shades of verbs and adjectives
Vocabulary	8A	Uses sentence-level context as a clue to the meaning of a word or phrase
Vocabulary	8B	Identifies real-life connections between words and their uses
Vocabulary	9	Sorts words into categories in order to understand the concepts the categories represent
Vocabulary	10	Use frequently occurring prefixes as a clue to the meaning of a word
Vocabulary	11	Use frequently occurring suffixes as a clue to the meaning of a word
Vocabulary	12	Identify frequently occurring root words and their inflectional forms
Conventions of Language	5	Demonstrates an understanding of question words (who, what, where, when, why, how)
Conventions of Language	6	Demonstrates an understanding of prepositions within sentences
Conventions of Language	7	Demonstrates an understanding of irregular plural nouns
Conventions of Language	8	Demonstrates an understanding of matching verbs to singular and plural nouns in basic sentences

Science and Technology

Subdomain	Level	Skill Descriptor
Life Science	5	Identifies living things and their basic needs and how they grow and change over time
Life Science	6	Classifies plants based on observable characteristics
Life Science	7	Identifies basic parts of plants
Life Science	8	Identifies interdependencies of living things
Life Science	9	Compares and contrasts the basic needs of plants and animals
Life Science	10	Explores solving human problems using methods plants and/or animals use to survive
Life Science	11	Demonstrates an understanding of patterns in the behavior of parents and offspring that influence survival
Life Science	12	Demonstrates an understanding of how young plants and animals are like, but not exactly like, their parents.
Physical Science	5	Identifies the effects magnets have on some items
Physical Science	6	Classifies objects based on the way they move
Physical Science	7	Classifies objects based on the type of energy they produce (light, heat, and sound)
Physical Science	8	Predicts different effects of various amounts of force applied to stationary objects
Physical Science	9	Explores how light and illumination affect our ability to see objects
Physical Science	10	Explores how the placement of objects affects light and shadows.
Physical Science	11	Explores the effect that objects made with different materials have when placed in a beam of light.
Physical Science	12	Explores using light or sound to communicate over a distance
Earth Science	5	Demonstrates an understanding of the importance of caring for the environment
Earth Science	6	Demonstrates an understanding of how plants and animals (including humans) can change the environment to meet their needs
Earth Science	7	Makes a model to show the relationship between the needs of different plants or animals (including humans) and the places they live
Earth Science	8	Describes solutions that will reduce the impact that humans have on land, water, air, and/or other living things in the environment
Earth Science	9	Identifies forms of precipitation as solid or liquid
Earth Science	10	Describes seasonal patterns of change by analyzing data
Earth Science	11	Describes patterns of the sun, moon, and stars
Earth Science	12	Describes the relationship between the amount of daylight and the time of year
Simple Tools and Technology	5	Demonstrates an understanding of the uses of simple science tools
Simple Tools and Technology	6	Identifies an awareness that tools can used effectively or ineffectively

Simple Tools and Technology	7	Explores technology used for learning, adapting, and investigating
Simple Tools and Technology	8	Explores technology used to solve problems, design solutions, or create something new
Engineering	5	Identifies potential solutions to a problem
Engineering	6	Makes observations about a situation to define a simple problem that can be solved through the development or improvement of an object or tool
Engineering	7	Demonstrates an understanding of how the shape of an object impacts the object's ability to solve a problem
Engineering	8	Analyzes data from the tests of two objects to compare the strengths and weaknesses of each object

Social-Emotional Development		
Subdomain	**Level**	**Skill Descriptor**
Solving Social Problems	5	Identifies strategies for addressing own emotions in social problems
Solving Social Problems	6	Applies strategies for solving social problems in familiar situations
Solving Social Problems	7	Identifies appropriate solutions for social problems involving more complex emotions
Solving Social Problems	8	Applies strategies for solving social problems in new situations
Identifying Emotions	5	Identifies a variety of facial expressions as they relate to basic emotions
Identifying Emotions	6	Connects basic emotions to a variety of facial expressions and body language cues
Identifying Emotions	7	Identifies a variety of facial expressions as they relate to more complex emotions
Identifying Emotions	8	Connects more complex emotions to a variety of facial features and body language cues
Responds to Emotions	5	Identifies appropriate ways to respond to more complex negative emotions (embarrassed, disappointed, surprised)
Responds to Emotions	6	Identifies appropriate ways to manage more complex negative emotions (embarrassed, disappointed, surprised)
Responds to Emotions	7	Identifies appropriate ways to respond to more complex positive emotions (calm, surprised)
Responds to Emotions	8	Recognizes that others may have a different emotional response than their own
Self-Management	5	Uses persistence to engage in a challenging activity and asks for help when needed
Self-Management	6	Uses persistence to complete an activity with unknown challenges
Self-Management	7	Uses trial and error to solve a problem
Self-Management	8	Uses problem-solving to create an activity using cause and effect
Responsible Decision-Making	5	Demonstrates an understanding of the importance of self-management skills
Responsible Decision-Making	6	Demonstrates an understanding of how personal feelings can influence individual actions
Responsible Decision-Making	7	Describes how personal choices lead to actions and/or consequences
Responsible Decision-Making	8	Demonstrates an understanding of the importance of taking responsibility for one's actions

Responsible Decision-Making	9	Identifies examples of situations where self-management skills are important
Responsible Decision-Making	10	Identifies strategies to engage in goal setting
Responsible Decision-Making	11	Identifies characteristics that make someone a leader
Responsible Decision-Making	12	Identifies personal actions made by leaders
Social Awareness	5	Understands gratitude and identifies ways to express it
Social Awareness	6	Demonstrates an understanding of the importance of caring about others
Social Awareness	7	Demonstrates an understanding of the importance of supporting their family, friends, school, and community.
Social Awareness	8	Identifies personal actions that contribute to the common good
Social Awareness	9	Identifies ways to engage in active listening
Social Awareness	10	Demonstrates an understanding of fairness
Social Awareness	11	Demonstrates an understanding of ways to respect others' privacy and personal space
Social Awareness	12	Demonstrates skills for conflict resolution
Social Skills	5	Identifies the benefits of positive social skills (kindness, cooperation, honesty, trustworthiness, etc.)
Social Skills	6	Identifies personal actions that demonstrate positive social skills (kindness, cooperation, honesty, trustworthiness, etc.)
Social Skills	7	Demonstrates an understanding of the importance of respect for others
Social Skills	8	Identifies personal actions that demonstrate respect for others
Social Skills	9	Identifies ways to be a good friend
Social Skills	10	Identifies ways to build and keep friendships
Social Skills	11	Understands the importance of teamwork.
Social Skills	12	Identifies ways to engage in teamwork

Social Studies		
Subdomain	**Level**	**Skill Descriptor**
Self-Identity	5	Draws a self-portrait with at least one characteristic or interest included
Self-Identity	6	Draws a picture resembling their family, including interests or traditions of the family
Self-Identity	7	Draws a picture of their home that includes family-specific details
Self-Identity	8A	Draws a picture of themselves engaged in an activity, tradition, sport, or hobby
Self-Identity	8B	Draws two pictures of themselves to show how they have changed over time
Community Awareness	5	Identify community helpers (within a community/neighborhood)
Community Awareness	6	Explores ways to help community helpers do their work in the community

Community Awareness	7	Explores ways to build community relationships
Community Awareness	8A	Explores ways to help those in need
Community Awareness	8B	Shows an understanding of ways that groups and institutions work to meet people's needs and promote, or fail to promote, the common good
Global Connections	8	Describes the connections between people and places around the globe
Global Connections	9	Explores how cultural elements (music, art, storytelling, cuisine) can facilitate global understanding
Global Connections	10	Identifies examples of conflict and cooperation among individuals, groups, and nations
Global Connections	11	Identifies how issues and problems might impact people in different parts of the world.
Global Connections	12	Identifies ways that the wants and needs of people in one part of the world might conflict with the wants and needs of people in other parts of the world
Civics & Citizenship	8	Identifies actions that could improve life in their school, community, and beyond
Civics & Citizenship	9	Identifies the rights and responsibilities of citizens
Civics & Citizenship	10	Describes how specific policies or behaviors reflect, or do not reflect, democratic ideals
Civics & Citizenship	11	Describes the pros and cons of holding a specific position
Civics & Citizenship	12	Explores how the influence of citizens can influence policy decisions
Economics	8	Demonstrates an understanding of the production, distribution, and consumption of goods and services in their school and community
Economics	9	Describes the differences between wants and needs
Economics	10	Demonstrates an understanding that the decisions that people make are influenced by the trade-offs of different options
Economics	11	Evaluates different methods for allocating scarce goods and services in their school or community
Economics	12	Describes how consumers will react to rising and falling prices for goods and services
Culture	9	Describes similarities and differences in the ways that various cultural groups meet similar needs
Culture	10	Describes how information and experiences may be interpreted differently by people from different cultural groups
Culture	11	Describes the value of both cultural unity and diversity
Culture	12	Demonstrates an understanding of how different values and beliefs can make understanding between people and groups difficult

Physical Development

Subdomain	Level	Skill Descriptor
Self-Care	5	Demonstrates an understanding of daily routine and self-care processes
Self-Care	6	Explores relaxing self-care activities
Self-Care	7	Practices deep breathing and reciting positive affirmations

Self-Care	8	Explores appropriate self-care activity based on a given mood
Nutrition	5	Creates a shopping list with healthy foods
Nutrition	6	Distinguishes between fruits and vegetables
Nutrition	7	Distinguishes between dairy, protein, and grains
Nutrition	8	Builds a balanced plate
Fine Motor	6	Uses one finger to make small movements
Fine Motor	7	Uses fingers to manipulate small objects
Fine Motor	8	Uses fingers to manipulate, reposition, or resize small objects in that hand
Health and Safety	5	Identifies, avoids, and alerts others to danger
Safety	8	Identifies characteristics of safe and unsafe places
Safety	9	Identify different household products that can cause harm if they are touched, ingested, or inhaled
Safety	10	Demonstrates an understanding of basic safety related signs, symbols and warning labels
Safety	11	Demonstrates an understanding of basic safety-related signs and symbols
Safety	12	Identifies ways to reduce the risk of injury at home, at school and in their community
Health & Wellness	8	Identifies personal actions that help prevent common communicable diseases
Health & Wellness	9	Demonstrates an understanding of how sleep and rest are crucial for growth and health
Health & Wellness	10	Identifies basic human body parts (stomach, intestines, heart, lungs, skin, muscles, and bones)
Health & Wellness	11	Identifies different health care providers
Health & Wellness	12	Makes an action plan to achieve a short-term personal health goal