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| Cornelius Kiddies company |
| Elementary Curriculum |
| Individualized Curriculum |
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CURIOSITY APPROACH

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# 

# Curriculum Overview

# Individual Curriculum:

Individual learning goals and targets motivate students to:

1. become more active participants in the learning process
2. become independent learners
3. Identify what is important to their own learning
4. Achieve their full potential.

**Phase 1 – (6, 7 and 8)**

***Level 1.***

# Reading and Reading Comprehension Skills

1. Recognize upper and lower case letters
2. Know, identify, and increase sight word vocabulary (sight words are words that often are spelled different than how they sound and children must recognize them by sight. Common sight words are: "their", "if", "of", "each")
3. Know the alphabet and basic features of letters and words
4. Memorize and correctly spell around 130-150 words
5. Decoding or sounding new words out (being able to use letter sounds and patterns to recognize and pronounce written words)
6. Rhyming more words (ex: frog and clog)
7. Tell the difference between facts and fiction
8. Recall sequence of events in a story (first, second, third, ending, etc.)

# Writing Skills

1. Write upper and lower case letters
2. Write their name
3. Use letters and shapes to detect different objects
4. Create simple words and sentences
5. Write in complete sentences

# Fine Motor Skills

1. Hold a pencil, crayon, or marker correctly
2. Hold scissors correctly

# Mathematic Skills

1. Recognize that addition means putting two groups of numbers together (5+4) and that subtraction means taking away from one group (5-4)
2. Add and subtract numbers 1 through 20
3. Use objects to show how to break up numbers less than or equal to 10 in different ways (ex: 6 apples = two groups of 3 apples, or 6 apples = a group of 4 apples and a group of 2 apples.)
4. Use objects or draw pictures to help show addition and subtraction
5. Count simple money
6. Know numbers from 1-100
7. Recognize different patterns (ex: blue square, red square, blue square; should know what comes next)
8. Recognize more shapes and master previous knowledge of shapes (square, circle, sphere, star, rhombus)
9. Know the tools to measure time and temperature

# Social Studies Skills

1. Understand what history is and know some stories, events, and people in history
2. Know important people in South Africa history
3. Understand broad categories of time (past, present, and future)
4. Know basic cultures and their traditions
5. Know people and events honoured in commemorative holidays
6. Recognize south Africa flag
7. Understand that there are other instruments used to locate places (maps, globes)

# Science Skills

1. Do easy, hands-on experiments
2. Know the four seasons and their different climates
3. Know the importance of the sun and what it provides the Earth with
4. Know the difference between living and non-living things (a plant vs. a teddy bear)
5. Recognize how we impact the Earth in terms of recycling and pollution
6. Know state of matters

# Social Skills and Abilities

1. Participate in group activities
2. Share and communicate appropriately with other students
3. Respect their peers
4. Raise their hand before being called on
5. Seek help with assignments when needed
6. Show eager and willingness to learn

# Steam Lab

Do easy, hands-on experiments

***Level 2***

# Reading and Reading Comprehension Skills

1. Know long and short vowels
2. Ask appropriate questions and answer questions about a text (who, what, where, when, why, and how)
3. Recall and retell events from a story
4. Compare and contrast elements in different stories (characters, settings, plot, and problems)
5. Discuss a story or topic with their classmates (ask and respond to questions)
6. Read grade level assigned books
7. Know what point of view a story is being narrated in (first person, third person)

# Writing Skills

1. Write independently about a single topic
2. Write in small groups about a single topic
3. Write something that tells a story, provides information, or gives their opinion
4. Know sentences begin with a capitol letter and end with a punctuation mark
5. Know proper subject-verb agreement (ex: Correct = James is a mailman. Incorrect= James are a mailman.)

# Mathematic Skills

1. Add and subtract number up to 20 (10+8 or 20-8)
2. Understand basic rules of addition and subtraction (12+4 is the same as 4+12)
3. Solve words problems up to two-digit numbers
4. Count to 120
5. Understand the “ones” and “tens” place
6. Tell the time
7. Organize data up to three categories (ex: how many children in the class like plain, pepperoni, or sausage pizza)
8. Graph data up to three categories
9. Measure objects by length and put them in order from smallest to biggest
10. Put items into categories by size, color, or shape
11. Vertical Addition to 120
12. Multiplication to 20
13. Compare fractions using > (more than) < (less than) and = (equal to) and place them on a number line in order from least to greatest

# Social Studies Skills

1. Understand the reasons for laws
2. Know the state, city, and town they live in
3. Basic map skills
4. Recognize major landforms (volcanoes, mountains)
5. Recognize important leaders (president)
6. Understand the importance of a bank and what it provides us with

# Science Skills

1. Understand things can be classified into different categories (color, shape, size, function)
2. Recognize and know that the same materials can exist in different areas (solid, gas, liquid)
3. Understand what energy is
4. Understand the Solar System
5. Understand Plant
6. Photosynthesis
7. Digestion system

# Social Skills and Abilities

1. Work independently
2. Interact with peers
3. Work in a group
4. Follow directions and participate in group activities
5. Share and communicate appropriately with other students
6. Respect their peers

# Steam Lab

1. Use other tools to gather scientific information for an experiment
2. Ask questions about an experiment
3. Make predictions about an experiment

***Level 3***

# Reading and Reading Comprehension Skills

1. How to collect information about a topic
2. How to read different styles of text (articles, short stories, short chapters in a book)
3. Ask appropriate questions and answer questions about a text (who, what, where, when, why, and how)
4. Read fables, folktales, and myths
5. Recall and retell events from a story in order
6. Tell how the author uses details to support their story or text
7. Compare and contrast elements in different stories (characters, settings, plot, and problems)
8. Discuss a story or topic with their classmates (ask and respond to questions)
9. Read grade level assigned books

# Writing Skills

1. Know editing and revising skills
2. Write about an event using a beginning, middle, an end.
3. Write something that tells a story, provides information, or gives their opinion
4. Know proper punctuation

# Mathematic Skills

1. Add and subtract number up to 100 (30+25 or 72-12)
2. Solve one-two step word problems
3. Understand the ones, tens, and hundreds place in a three-digit number
4. Read and write up to 1000
5. Measure objects in various forms of measurements (inches, feet, centimeters, and meters)
6. Understand and know the value of money
7. Solve problems using money
8. Graph data on a bar graph
9. Divide simple shapes into smaller pieces (halves, thirds, quarters)

# Social Studies Skills

1. Know about their community
2. Basic map skills
3. Locate bodies of waters on a map
4. Recognize more major landforms

# Science Skills

1. Know living systems like the food chain
2. Recognize and know that the same materials can exist in different areas (solid, gas, liquid)
3. Understand the concept and importance of recycling
4. Understand the planets and know their order in the Solar System
5. Use other tools to gather scientific information for an experiment
6. Classify animals based on species (mammals, amphibians)

# Social Skills and Abilities

1. Work independently
2. Interact with peers and explore concepts
3. Follow directions and participate in group activities

# Steam Lab

* Do Experiments

**Phase 2 (9, 10, 11)**

***Level 1***

# Reading and Reading Comprehension Skills

1. Understand different genres of fiction
2. Determine the main idea and details in a story
3. Use other forms of print (newspapers, magazines, websites)
4. Compare and contrast information in multiple texts and learn how to use organizational methods (Venn diagrams, maps, webs)
5. Recall and retell events from a story in order
6. Tell how the author uses details to support their story or text
7. Discuss a story or topic with their classmates (ask and respond to questions)
8. Read grade level assigned books

# Writing Skills

1. Use linking words (because, since, therefore, for example)
2. Know how to write a story with a beginning, middle, and an end.
3. Know how to revise, edit, and proofread their work
4. Know how to write expository, descriptive, persuasive, and narrative essays
5. Use prefixes, suffixes, homophones, and root words
6. Write in cursive (depending on your district)
7. Use reference books (dictionary, thesaurus)
8. Know proper punctuation
9. Understand the parts of speech (nouns, verbs, adverbs, adjectives)

# Mathematic Skills

1. Work with larger whole numbers
2. Solve two-three step word problems
3. Know times tables up to twelve and how to multiply numbers by ten
4. Know how to solve and explain addition, subtraction, multiplication, and division problems
5. Read and write up to six-digit numbers
6. Understand and identify fractions
7. Know how to compare two fractions (ex: 1/2 is bigger than 1/4)
8. Understand and know the value of money
9. Solve problems using money
10. Understand weight and volume
11. Begin to master multiplication
12. Read charts and graphs (bar graphs, pie graphs)
13. Know division

# Social Studies Skills

1. Basic understanding of a map
2. Know major rivers and why they are important
3. Know the importance of Ancient Rome
4. Know how methods of travel changed throughout time

# Science Skills

1. Know about the stars
2. Know about natural system relationships (sun, Earth, moon)
3. Recognize and know that the same materials can exist in different areas (solid, gas, liquid)
4. Observe behaviours of sound and light
5. Make smart predictions about an experiment
6. Master classifying animals (vertebrates vs. invertebrates, warm-blooded vs. cold-blooded)
7. Master water cycle

# Social Skills and Abilities

1. Work independently
2. Interact with peers and explore concepts
3. Share and communicate appropriately with other students
4. Respect their peers
5. Sit for a longer period of time than in third grade (30 minutes)

# Steam Lab

1. Do experiment
2. Sawing

# Reading Comprehension Skills

1. Identify what the author’s main point is in the story and explain/ show evidence that supports the text
2. Compare writing styles in different cultures
3. Understand various forms of information (charts, drawings, timelines)
4. Understand more difficult examples of cause-and-effect
5. Work on research projects in groups
6. Read grade level assigned books

# Writing Skills

1. Take notes and organize facts (written and oral reports)
2. Use dialogue and descriptive language when writing a story (“” and ex: The bright rays of the sun shined off the ocean’s cold, salty waves.)
3. Know how to revise, edit, and proofread their work
4. Mastered writing expository, descriptive, persuasive, and narrative essays
5. Know how to write other forms of writing (personal letters, poetry)
6. Understand and know figurative language and how to use it properly (metaphors, similes, personification, alliteration, idioms, hyperboles, and onomatopoeia)
7. Mastered prefixes, suffixes, homophones, and root words
8. Know proper punctuation and the parts of speech

# Mathematic Skills

1. Work with multi-digit numbers
2. Solve multi-step word problems
3. Compare fractions by using the numerator (top) and denominator (bottom)
4. Create fractions that are equal to each other (1/2 and 3/6)
5. Know how to subtract and add fractions
6. Know how to multiply fractions
7. Learn to change fractions with the denominators in multiples of ten to decimals
8. Compare fractions using > (more than) < (less than) and = (equal to) and place them on a number line in order from least to greatest
9. Know measurements and what is equivalent to them (1ft. = 12 in. 1yd. = 3ft. 1mi. = 5,280 ft.)
10. Should know what polygons are
11. Should be able to identify polygons (triangles, quadrilaterals, pentagons, hexagons and octagons)

# Social Studies Skills

1. Measure distance using map scales
2. Know our counties five regions (Northeast, Southeast, Southwest, Midwest, and West)
3. Know the highest points in the world (ex: Asia = Mt. Everest)
4. Children’s rights
5. Identify customs, celebrations, and traditions in various cultures and groups
6. Know their states physical features and know how to identify places/ things on a map (mountains, rivers, cities)
7. Know what a current event is and why it is important to discuss them

# Science Skills

1. Know the circulatory system
2. Understand and know what matter is and how it works
3. Understand mass, volume, and density
4. Know about earthquakes
5. Describe famous volcanoes
6. Know how mountains are formed
7. Understand cold and warm fronts and how weather changes
8. Understand earth, physical, and life science

# Social Skills and Abilities

1. Know how to juggle multiple tasks and assignments
2. Have a great deal of confidence
3. Work cooperatively in a group
4. Follow directions and participate in group activities
5. Share and communicate appropriately with other students
6. Respect their teachers and peers

# Steam

1. Know how to conduct an experiment (scientific method)

***Level 3***

# Language Arts

1. Identify parts of speech
2. Identify subject and verb
3. Know your “No Excuses” spelling list
4. Be able to write a complete sentence
5. using proper punctuation and
6. Capitalization.

# Science

1. Water Cycle
2. Moon Phases
3. How to use a ruler
4. Location of oceans and continents
5. Hemispheres
6. North and South Poles, Equator
7. Types of Rocks
8. Order of the Planets
9. Revolution and Rotation

# Math

1. LEFT from RIGHT
2. Multiplication tables up to 12
3. Greater than (>) and less than (<) symbols
4. Subtraction with Regrouping (example: 530 – 298)
5. Multi-digit multiplication (example: 538 x 27)
6. Divisibility rules for numbers divisible by 2, 3, 5, 6 and 10 (example: Is “2361” divisible by 2, 3, 5, 6 and 10?)
7. Shape Names (square, rectangle, parallelogram, trapezoid, triangle, rhombus)
8. Solid Figure Names (cube, rectangular prism, triangular prism, triangular pyramid, rectangular pyramid)
9. Ability to round a number
10. Basic calculator skills

# Social Studies

1. Distinguish between fact and opinion
2. Know cardinal directions (north, east, south, west)
3. Know intermediate directions (northeast, northwest, southeast, southwest)
4. Locate the Equator, Prime Meridian, and lines of latitude and longitude on a globe.
5. Locate all of the continents: North America, South America, Africa, Europe, Asia, Antarctica, and Australia.
6. Locate the major oceans: Arctic, Atlantic, Pacific, and Indian.
7. Identify and describe landforms (mountains, deserts, valleys, plains, plateaus, and coasts).
8. Describe the four types of productive resources: Natural (land), Human (labour), Capital (capital goods) & Entrepreneurship (used to create goods and services)

!!!! Getting ready for middle school!!!