

A correlation of  
**Population Connection  
Activities**

from

**Sharing a Small World:  
*Environmental Activities for Young Learners***

to

**New Jersey Core Curriculum  
Content Standards**

**Organized by:**

- 1. Population Connection Activity*
- 2. Subject*
- 3. Grade*
- 4. Standard*

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# The Bare Necessities

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## Language Arts

### *Kindergarten*

#### Language Arts.K.3.1 (Reading)

All Students Will Understand And Apply The Knowledge Of Sounds, Letters, And Words In Written English To Become Independent And Fluent Readers, And Will Read A Variety Of Materials And Texts With Fluency And Comprehension.

#### E. Reading Strategies (before, during, and after reading)

4. Relate personal experiences to story characters' experiences, language, customs, and cultures with assistance from teacher.

#### F. Vocabulary and Concept Development

4. Use new vocabulary and grammatical construction in own speech.

#### Language Arts.K.3.2 (Writing)

All Students Will Write In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

#### A. Writing as a Process (prewriting, drafting, revising, editing, postwriting)

1. Recognize that thoughts and talk can be written down in words.

#### Language Arts.K.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

#### A. Discussion

1. Share experiences and express ideas.
2. Participate in conversations with peers and adults.
3. React to stories, poems, and songs.

#### B. Questioning (Inquiry) and Contributing

1. Share in conversations with others.
2. Use oral language to extend learning.

#### C. Word Choice

1. Use language to describe feelings, people, objects, and events.

#### Language Arts.K.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

#### A. Active Listening

1. Listen fully to understand instructions or hear daily messages.

#### Language Arts.K.3.5 (Viewing And Media Literacy)

All Students Will Access, View, Evaluate, And Respond To Print, Nonprint, And Electronic Texts And Resources.

#### A. Constructing Meaning

2. Discuss favorite characters from books, film, and television.

### *Grade 1*

Language Arts.1.3.1 (Reading)

All Students Will Understand And Apply The Knowledge Of Sounds, Letters, And Words In Written English To Become Independent And Fluent Readers, And Will Read A Variety Of Materials And Texts With Fluency And Comprehension.

D. Fluency

1. Answer questions correctly that are posed about stories read.

Language Arts.1.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

A. Discussion

2. Offer personal opinions in discussion and retell personal experiences.

B. Questioning (Inquiry) and Contributing

1. Respond to ideas and questions posed by others.
2. Ask and answer various types of questions.

Language Arts 1.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

A. Active Listening

1. Listen and respond appropriately to directions.

B. Listening Comprehension

2. Follow simple oral directions.

## ***Grade 2***

Language Arts.2.3.2 (Writing)

All Students Will Write In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

A. Writing as a Process (prewriting, drafting, revising, editing, postwriting)

1. Generate ideas for writing: hearing stories, recalling experiences, brainstorming, and drawing.

Language Arts.2.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

A. Discussion (small group and whole class)

3. Offer personal opinions related to topics of discussion.

B. Questioning (Inquiry) and Contributing

2. Respond to ideas posed by others.

Language Arts.2.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

B. Listening Comprehension

1. Follow one- and two- step oral directions.

## **Social Studies**

### ***Kindergarten to Grade 2***

Social Studies.K-2.6.5 (Economics)

All Students Will Acquire An Understanding Of Key Economic Principles.

A. Economic Literacy

1. Identify the basic goods and services a family needs for everyday life.

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# Creatures in Motion

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## Language Arts

### *Kindergarten*

Language Arts.K.3.1 (Reading)

All Students Will Understand And Apply The Knowledge Of Sounds, Letters, And Words In Written English To Become Independent And Fluent Readers, And Will Read A Variety Of Materials And Texts With Fluency And Comprehension.

F. Vocabulary and Concept Development

1. Continue to develop a vocabulary through meaningful, concrete experiences.
4. Use new vocabulary and grammatical construction in own speech.

Language Arts.K.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

A. Discussion

1. Share experiences and express ideas.

B. Questioning (Inquiry) and Contributing

2. Use oral language to extend learning.

Language Arts.K.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

A. Active Listening

1. Listen fully to understand instructions or hear daily messages.

### *Grade 1*

Language Arts.1.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

A. Discussion

2. Offer personal opinions in discussion and retell personal experiences.

B. Questioning (Inquiry) and Contributing

2. Ask and answer various types of questions.

Language Arts.1.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

A. Active Listening

1. Listen and respond appropriately to directions.

B. Listening Comprehension

2. Follow simple oral directions.

### *Grade 2*

Language Arts.2.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

A. Active Listening

3. Listen and contribute to class discussions.

B. Listening Comprehension

1. Follow one- and two- step oral directions.

## Mathematics

### *Kindergarten to Grade 2*

Math.K-2.4.1 (Number And Numerical Operations)

All Students Will Develop Number Sense And Will Perform Standard Numerical Operations And Estimations On All Types Of Numbers In A Variety Of Ways.

A. Number Sense

1. Use real-life experiences, physical materials, and technology to construct meanings for numbers (unless otherwise noted, all indicators for grade 2 pertain to these sets of numbers as well).

- Whole numbers through hundreds.
- Ordinals.
- Proper fractions (denominators of 2, 3, 4, 8, 10).

5. Compare and order whole numbers.

### *Grade 3*

Math.3.4.1 (Number And Numerical Operations)

All Students Will Develop Number Sense And Will Perform Standard Numerical Operations And Estimations On All Types Of Numbers In A Variety Of Ways.

A. Number Sense

1. Use real-life experiences, physical materials, and technology to construct meanings for numbers (unless otherwise noted, all indicators for grade 3 pertain to these sets of numbers as well).

- Whole numbers through hundred thousands.
- Commonly used fractions (denominators of 2, 3, 4, 5, 6, 8, 10) as part of a whole, as a subset of a set, and as a location on a number line.

## Science

### *Grade 3 to Grade 4*

Science.3-4.5.1 (Scientific Processes)

All Students Will Develop Problem-Solving, Decision-Making And Inquiry Skills, Reflected By Formulating Usable Questions And Hypotheses, Planning Experiments, Conducting Systematic Observations, Interpreting And Analyzing Data, Drawing Conclusions, And Communicating Results.

A. Habits of Mind

1. Raise questions about the world around them and be willing to seek answers through making careful observations and experimentation.

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# Crowding Can Be Seedy

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## Language Arts

### *Kindergarten*

Language Arts.K.3.1 (Reading)

All Students Will Understand And Apply The Knowledge Of Sounds, Letters, And Words In Written English To Become Independent And Fluent Readers, And Will Read A Variety Of Materials And Texts With Fluency And Comprehension.

#### D. Fluency

1. Practice reading behaviors such as retelling, reenacting, or dramatizing stories.

#### F. Vocabulary and Concept Development

1. Continue to develop a vocabulary through meaningful, concrete experiences.
4. Use new vocabulary and grammatical construction in own speech.

Language Arts.K.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

#### A. Discussion

1. Share experiences and express ideas.
3. React to stories, poems, and songs.

#### B. Questioning (Inquiry) and Contributing

1. Share in conversations with others.
2. Use oral language to extend learning.

Language Arts.K.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

#### A. Active Listening

1. Listen fully to understand instructions or hear daily messages.
3. Listen to rhymes and songs to begin developing an understanding of letter/sound relationships.

### *Grade 1*

Language Arts.1.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

#### A. Discussion

2. Offer personal opinions in discussion and retell personal experiences.

#### B. Questioning (Inquiry) and Contributing

2. Ask and answer various types of questions.

Language Arts.1.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

#### A. Active Listening

1. Listen and respond appropriately to directions.

- B. Listening Comprehension
  - 2. Follow simple oral directions.

## **Grade 2**

Language Arts.2.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

- A. Discussion (small group and whole class)
  - 3. Offer personal opinions related to topics of discussion.
- B. Questioning (Inquiry) and Contributing
  - 4. Identify a problem and simple steps for solving the problem.

Language Arts.2.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

- A. Active Listening
  - 3. Listen and contribute to class discussions.
- B. Listening Comprehension
  - 1. Follow one- and two- step oral directions.

## **Mathematics**

### ***Kindergarten to Grade 2***

Math.K-2.4.1 (Number And Numerical Operations)

All Students Will Develop Number Sense And Will Perform Standard Numerical Operations And Estimations On All Types Of Numbers In A Variety Of Ways.

- A. Number Sense
  - 1. Use real-life experiences, physical materials, and technology to construct meanings for numbers (unless otherwise noted, all indicators for grade 2 pertain to these sets of numbers as well).
    - Whole numbers through hundreds.
    - Ordinals.
    - Proper fractions (denominators of 2, 3, 4, 8, 10).
  - 5. Compare and order whole numbers.

Math.K-2.4.3 (Patterns And Algebra)

All Students Will Represent And Analyze Relationships Among Variable Quantities And Solve Problems Involving Patterns, Functions, And Algebraic Concepts And Processes.

- C. Modeling
  - 1. Recognize and describe changes over time (e.g., temperature, height).

## **Grade 3**

Math.3.4.1 (Number And Numerical Operations)

All Students Will Develop Number Sense And Will Perform Standard Numerical Operations And Estimations On All Types Of Numbers In A Variety Of Ways.

- A. Number Sense
  - 1. Use real-life experiences, physical materials, and technology to construct meanings for numbers (unless otherwise noted, all indicators for grade 3 pertain to these sets of numbers as well).
    - Whole numbers through hundred thousands.
    - Commonly used fractions (denominators of 2, 3, 4, 5, 6, 8, 10) as part of a whole, as a subset of a set, and as a location on a number line.

## Science

### ***Kindergarten to Grade 2***

Science.K-2.5.5 (Characteristics Of Life)

All Students Will Gain An Understanding Of The Structure, Characteristics, And Basic Needs Of Organisms And Will Investigate The Diversity Of Life.

A. Matter, Energy and Organization in Living Systems

1. Investigate the basic needs of humans and other organisms.

Science.K-2.5.10 (Environmental Studies)

All Students Will Develop An Understanding Of The Environment As A System Of Interdependent Components Affected By Human Activity And Natural Phenomena.

A. Natural Systems and Interactions

1. Associate organisms' basic needs with how they meet those needs within their surroundings.

B. Human Interactions and Impact

1. Identify various needs of humans that are supplied by the natural or constructed environment.

### ***Grade 3 to Grade 4***

Science.3-4.5.1 (Scientific Processes)

All Students Will Develop Problem-Solving, Decision-Making And Inquiry Skills, Reflected By Formulating Usable Questions And Hypotheses, Planning Experiments, Conducting Systematic Observations, Interpreting And Analyzing Data, Drawing Conclusions, And Communicating Results.

A. Habits of Mind

1. Raise questions about the world around them and be willing to seek answers through making careful observations and experimentation.

B. Inquiry and Problem Solving

1. Develop strategies and skills for information-gathering and problem-solving, using appropriate tools and technologies.

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# Earth Cookie

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## Language Arts

### *Kindergarten*

Language Arts.K.3.1 (Reading)

All Students Will Understand And Apply The Knowledge Of Sounds, Letters, And Words In Written English To Become Independent And Fluent Readers, And Will Read A Variety Of Materials And Texts With Fluency And Comprehension.

F. Vocabulary and Concept Development

1. Continue to develop a vocabulary through meaningful, concrete experiences.
4. Use new vocabulary and grammatical construction in own speech.

Language Arts.K.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

A. Discussion

1. Share experiences and express ideas.

B. Questioning (Inquiry) and Contributing

2. Use oral language to extend learning.

Language Arts.K.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

A. Active Listening

1. Listen fully to understand instructions or hear daily messages.

### *Grade 1*

Language Arts.1.3.1 (Reading)

All Students Will Understand And Apply The Knowledge Of Sounds, Letters, And Words In Written English To Become Independent And Fluent Readers, And Will Read A Variety Of Materials And Texts With Fluency And Comprehension.

A. Concepts About Print

4. Interpret simple graphs, charts, and diagrams.

Language Arts.1.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

B. Questioning (Inquiry) and Contributing

2. Ask and answer various types of questions.

Language Arts.1.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

A. Active Listening

1. Listen and respond appropriately to directions.

B. Listening Comprehension

2. Follow simple oral directions.

## **Grade 2**

Language Arts.2.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

### A. Active Listening

3. Listen and contribute to class discussions.

### B. Listening Comprehension

1. Follow one- and two- step oral directions.

## **Grade 3**

Language Arts.3.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

### A. Discussion (small group and whole class)

1. Listen and follow a discussion in order to contribute appropriately.

## **Mathematics**

### ***Kindergarten to Grade 12***

Math.K-12.4.5 (Mathematical Processes)

All Students Will Use Mathematical Processes Of Problem Solving, Communication, Connections, Reasoning, Representations, And Technology To Solve Problems And Communicate Mathematical Ideas.

### A. Problem Solving

1. Learn mathematics through problem solving, inquiry, and discovery.

### B. Communication

4. Use the language of mathematics to express mathematical ideas precisely.

### C. Connections

3. Recognize that mathematics is used in a variety of contexts outside of mathematics.

4. Apply mathematics in practical situations and in other disciplines.

### E. Representations

1. Create and use representations to organize, record, and communicate mathematical ideas.

- Concrete representations (e.g., base-ten blocks or algebra tiles).
- Pictorial representations (e.g., diagrams, charts, or tables).
- Symbolic representations (e.g., a formula).
- Graphical representations (e.g., a line graph).

2. Select, apply, and translate among mathematical representations to solve problems.

3. Use representations to model and interpret physical, social, and mathematical phenomena.

### ***Kindergarten to Grade 2***

Math.K-2.4.1 (Number And Numerical Operations)

All Students Will Develop Number Sense And Will Perform Standard Numerical Operations And Estimations On All Types Of Numbers In A Variety Of Ways.

### A. Number Sense

1. Use real-life experiences, physical materials, and technology to construct meanings for numbers (unless otherwise noted, all indicators for grade 2 pertain to these sets of numbers as well).

- Whole numbers through hundreds.
- Ordinals.

- Proper fractions (denominators of 2, 3, 4, 8, 10).

Math.K-2.4.4 (Data Analysis, Probability, And Discrete Mathematics)

All Students Will Develop An Understanding Of The Concepts And Techniques Of Data Analysis, Probability, And Discrete Mathematics, And Will Use Them To Model Situations, Solve Problems, And Analyze And Draw Appropriate Inferences From Data.

A. Data Analysis

2. Read, interpret, construct, and analyze displays of data.
  - Pictures, tally chart, pictograph, bar graph, Venn diagram.
  - Smallest to largest, most frequent (mode).

D. Discrete Mathematics- Vertex- Edge Graphs and Algorithms

1. Follow simple sets of directions (e.g., from one location to another, or from a recipe).

### **Grade 3**

Math.3.4.1 (Number And Numerical Operations)

All Students Will Develop Number Sense And Will Perform Standard Numerical Operations And Estimations On All Types Of Numbers In A Variety Of Ways.

A. Number Sense

1. Use real-life experiences, physical materials, and technology to construct meanings for numbers (unless otherwise noted, all indicators for grade 3 pertain to these sets of numbers as well).
  - Whole numbers through hundred thousands.
  - Commonly used fractions (denominators of 2, 3, 4, 5, 6, 8, 10) as part of a whole, as a subset of a set, and as a location on a number line.

Math.3.4.4 (Data Analysis, Probability, And Discrete Mathematics)

All Students Will Develop An Understanding Of The Concepts And Techniques Of Data Analysis, Probability, And Discrete Mathematics, And Will Use Them To Model Situations, Solve Problems, And Analyze And Draw Appropriate Inferences From Data.

A. Data Analysis

2. Read, interpret, construct, analyze, generate questions about, and draw inferences from displays of data.
  - Pictograph, bar graph, table.

### **Grade 4**

Math.4.4.1 (Number And Numerical Operations)

All Students Will Develop Number Sense And Will Perform Standard Numerical Operations And Estimations On All Types Of Numbers In A Variety Of Ways.

A. Number Sense

1. Use real-life experiences, physical materials, and technology to construct meanings for numbers (unless otherwise noted, all indicators for grade 4 pertain to these sets of numbers as well).
  - Whole numbers through millions
  - Commonly used fractions (denominators of 2, 3, 4, 5, 6, 8, 10, 12, and 16) as part of a whole, as a subset of a set, and as a location on a number line
  - Decimals through hundredths.

B. Numerical Operations

3. Construct, use, and explain procedures for performing whole number calculations and with:
  - Pencil-and-paper.
  - Mental math.
  - Calculator.

Math.4.4.4 (Data Analysis, Probability, And Discrete Mathematics)

All Students Will Develop An Understanding Of The Concepts And Techniques Of Data Analysis, Probability, And Discrete Mathematics, And Will Use Them To Model Situations, Solve Problems, And Analyze And Draw Appropriate Inferences From Data.

A. Data Analysis

2. Read, interpret, construct, analyze, generate questions about, and draw inferences from displays of data.

- Pictograph, bar graph, line plot, line graph, table.
- Average (mean), most frequent (mode), middle term (median).

### **Grade 5**

Math.5.4.1 (Number And Numerical Operations)

All Students Will Develop Number Sense And Will Perform Standard Numerical Operations And Estimations On All Types Of Numbers In A Variety Of Ways.

A. Number Sense

1. Use real-life experiences, physical materials, and technology to construct meanings for numbers (unless otherwise noted, all indicators for grade 5 pertain to these sets of numbers as well).

- All fractions as part of a whole, as subset of a set, as a location on a number line, and as divisions of whole numbers.
- All decimals.

## **Science**

### ***Kindergarten to Grade 2***

Science.K-2.5.5 (Characteristics Of Life)

All Students Will Gain An Understanding Of The Structure, Characteristics, And Basic Needs Of Organisms And Will Investigate The Diversity Of Life.

A. Matter, Energy and Organization in Living Systems

1. Investigate the basic needs of humans and other organisms.

Science.K-2.5.8 (Earth Science)

All Students Will Gain An Understanding Of The Structure, Dynamics, And Geophysical Systems Of The Earth.

B. Atmosphere and Water

1. Identify the sources and uses of water.

Science.K-2.5.10 (Environmental Studies)

All Students Will Develop An Understanding Of The Environment As A System Of Interdependent Components Affected By Human Activity And Natural Phenomena.

B. Human Interactions and Impact

1. Identify various needs of humans that are supplied by the natural or constructed environment.

### ***Grade 3 to Grade 4***

Science.3-4.5.1 (Scientific Processes)

All Students Will Develop Problem-Solving, Decision-Making And Inquiry Skills, Reflected By Formulating Usable Questions And Hypotheses, Planning Experiments, Conducting Systematic Observations, Interpreting And Analyzing Data, Drawing Conclusions, And Communicating Results.

A. Habits of Mind

1. Raise questions about the world around them and be willing to seek answers through making careful observations and experimentation.

B. Inquiry and Problem Solving

1. Develop strategies and skills for information-gathering and problem-solving, using appropriate tools and technologies.

2. Identify the evidence used in an explanation.

Science.3-4.5.3 (Mathematical Applications)

All Students Will Integrate Mathematics As A Tool For Problem-Solving In Science, And As A Means Of Expressing And/Or Modeling Scientific Theories.

A. Numerical Operations

1. Determine the reasonableness of estimates, measurements, and computations of quantities when doing science.

3. Express quantities using appropriate number formats, such as:

- integers.
- fractions.

B. Geometry and Measurement

2. Use a variety of measuring instruments and record measured quantities using the appropriate units.

D. Data Analysis and Probability

1. Use tables and graphs to represent and interpret data.

## **Social Studies**

### ***Kindergarten to Grade 2***

Social Studies.K-2.6.5 (Economics)

All Students Will Acquire An Understanding Of Key Economic Principles.

A. Economic Literacy

1. Identify the basic goods and services a family needs for everyday life.
2. Explain how the products individuals eat, wear, and use impact their health and safety and the environment.

Social Studies.K-2.6.6 (Geography)

All Students Will Apply Knowledge Of Spatial Relationships And Other Geographic Skills To Understand Human Behavior In Relation To The Physical And Cultural Environment.

A. The World in Spatial Terms

2. Explain that the globe is a model of the earth and maps are representations of local and distant places.

B. Places and Regions

1. Describe the physical features of places and regions on a simple scale.

E. Environment and Society

1. Describe the role of resources such as air, land, water, and plants in everyday life.
3. Act on small-scale, personalized environmental issues such as littering and recycling, and explain why such actions are important.

### ***Grade 3 to Grade 4***

Social Studies.3-4.6.2 (Civics)

All Students Will Know, Understand And Appreciate The Values And Principles Of American Democracy And The Rights, Responsibilities, And Roles Of A Citizen In The Nation And The World.

E. International Education: Global Challenges, Cultures, and Connections

5. Identify current issues that may have a global impact (e.g., pollution, diseases) and discuss ways to address them.

Social Studies.3-4.6.5 (Economics)

All Students Will Acquire An Understanding Of Key Economic Principles.

A. Economic Literacy

4. Discuss how natural, human, and capital resources are used to produce goods and to provide services.

Social Studies.3-4.6.6 (Geography)

All Students Will Apply Knowledge Of Spatial Relationships And Other Geographic Skills To Understand Human Behavior In Relation To The Physical And Cultural Environment.

B. Places and Regions

1. Identify the physical and human characteristics of places and regions in New Jersey and the United States (e.g., landforms, climate, vegetation, housing).

C. Physical Systems

1. Describe the basic components of the Earth's physical systems, including landforms, water, erosion, weather, and climate and discuss their impact on human development.

E. Environment and Society

1. Differentiate between living and non-living natural resources.
2. Explain the nature, characteristics, and distribution of renewable and non-renewable resources.

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# Go Fish!

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## Language Arts

### *Kindergarten*

Language Arts.K.3.1 (Reading)

All Students Will Understand And Apply The Knowledge Of Sounds, Letters, And Words In Written English To Become Independent And Fluent Readers, And Will Read A Variety Of Materials And Texts With Fluency And Comprehension.

F. Vocabulary and Concept Development

1. Continue to develop a vocabulary through meaningful, concrete experiences.
4. Use new vocabulary and grammatical construction in own speech.

Language Arts.K.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

A. Discussion

1. Share experiences and express ideas.

B. Questioning (Inquiry) and Contributing

1. Share in conversations with others.
2. Use oral language to extend learning.

C. Word Choice

1. Use language to describe feelings, people, objects, and events.

Language Arts.K.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

A. Active Listening

1. Listen fully to understand instructions or hear daily messages.

### *Grade 1*

Language Arts.1.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

A. Discussion

2. Offer personal opinions in discussion and retell personal experiences.

B. Questioning (Inquiry) and Contributing

2. Ask and answer various types of questions.

Language Arts.1.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

A. Active Listening

1. Listen and respond appropriately to directions.

B. Listening Comprehension

2. Follow simple oral directions.

## **Grade 2**

Language Arts.2.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

- A. Discussion (small group and whole class)
  - 3. Offer personal opinions related to topics of discussion.
- B. Questioning (Inquiry) and Contributing
  - 4. Identify a problem and simple steps for solving the problem.

Language Arts.2.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

- A. Active Listening
  - 3. Listen and contribute to class discussions.
- B. Listening Comprehension
  - 1. Follow one- and two- step oral directions.

## **Mathematics**

### ***Kindergarten to Grade 12***

Math.K-12.4.5 (Mathematical Processes)

All Students Will Use Mathematical Processes Of Problem Solving, Communication, Connections, Reasoning, Representations, And Technology To Solve Problems And Communicate Mathematical Ideas.

- C. Connections
  - 3. Recognize that mathematics is used in a variety of contexts outside of mathematics.
  - 4. Apply mathematics in practical situations and in other disciplines.

### ***Kindergarten to Grade 2***

Math.K-2.4.1 (Number And Numerical Operations)

All Students Will Develop Number Sense And Will Perform Standard Numerical Operations And Estimations On All Types Of Numbers In A Variety Of Ways.

- A. Number Sense
  - 1. Use real-life experiences, physical materials, and technology to construct meanings for numbers (unless otherwise noted, all indicators for grade 2 pertain to these sets of numbers as well).
    - Whole numbers through hundreds.
    - Ordinals.
    - Proper fractions (denominators of 2, 3, 4, 8, 10).
  - 5. Compare and order whole numbers.
- C. Estimation
  - 1. Judge without counting whether a set of objects has less than, more than, or the same number of objects as a reference set.

Math.K-2.4.4 (Data Analysis, Probability, And Discrete Mathematics)

All Students Will Develop An Understanding Of The Concepts And Techniques Of Data Analysis, Probability, And Discrete Mathematics, And Will Use Them To Model Situations, Solve Problems, And Analyze And Draw Appropriate Inferences From Data.

- D. Discrete Mathematics- Vertex- Edge Graphs and Algorithms
  - 1. Follow simple sets of directions (e.g., from one location to another, or from a recipe).

## **Science**

### ***Grade 3 to Grade 4***

Science.3-4.5.1 (Scientific Processes)

All Students Will Develop Problem-Solving, Decision-Making And Inquiry Skills, Reflected By Formulating Usable Questions And Hypotheses, Planning Experiments, Conducting Systematic Observations, Interpreting And Analyzing Data, Drawing Conclusions, And Communicating Results.

#### A. Habits of Mind

1. Raise questions about the world around them and be willing to seek answers through making careful observations and experimentation.

#### B. Inquiry and Problem Solving

1. Develop strategies and skills for information-gathering and problem-solving, using appropriate tools and technologies.

2. Identify the evidence used in an explanation.

## **Social Studies**

### ***Kindergarten to Grade 2***

Social Studies.K-2.6.2 (Civics)

All Students Will Know, Understand And Appreciate The Values And Principles Of American Democracy And The Rights, Responsibilities, And Roles Of A Citizen In The Nation And The World.

#### A. Civic Life, Politics, and Government

1. Explain the need for rules, laws, and government.

6. Explore basic concepts of diversity, tolerance, fairness, and respect for others.

Social Studies.K-2.6.4 (United States And New Jersey History)

All Students Will Demonstrate Knowledge Of United States And New Jersey History In Order To Understand Life And Events In The Past And How They Relate To The Present And Future.

#### A. Family and Community Life

1. Recognize change and continuity in their lives.

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# Lend a Hand to the Earth

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## Language Arts

### *Kindergarten*

Language Arts.K.3.1 (Reading)

All Students Will Understand And Apply The Knowledge Of Sounds, Letters, And Words In Written English To Become Independent And Fluent Readers, And Will Read A Variety Of Materials And Texts With Fluency And Comprehension.

F. Vocabulary and Concept Development

4. Use new vocabulary and grammatical construction in own speech.

Language Arts.K.3.2 (Writing)

All Students Will Write In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

A. Writing as a Process (prewriting, drafting, revising, editing, postwriting)

1. Recognize that thoughts and talk can be written down in words.

Language Arts.K.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

A. Discussion

1. Share experiences and express ideas.

Language Arts.K.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

A. Active Listening

1. Listen fully to understand instructions or hear daily messages.

### *Grade 1*

Language Arts.1.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

B. Questioning (Inquiry) and Contributing

2. Ask and answer various types of questions.

Language Arts.1.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

A. Active Listening

1. Listen and respond appropriately to directions.

B. Listening Comprehension

2. Follow simple oral directions.

### *Grade 2*

Language Arts.2.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

B. Listening Comprehension

1. Follow one- and two- step oral directions.

## **Social Studies**

### ***Kindergarten to Grade 2***

Social Studies.K-2.6.2 (Civics)

All Students Will Know, Understand And Appreciate The Values And Principles Of American Democracy And The Rights, Responsibilities, And Roles Of A Citizen In The Nation And The World.

#### A. Civic Life, Politics, and Government

3. Describe how American citizens can participate in community and political life.

5. Explain that a responsibility means something you must or should do.

Social Studies.K-2.6.6 (Geography)

All Students Will Apply Knowledge Of Spatial Relationships And Other Geographic Skills To Understand Human Behavior In Relation To The Physical And Cultural Environment.

#### E. Environment and Society

3. Act on small-scale, personalized environmental issues such as littering and recycling, and explain why such actions are important.

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# Our Town

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## Language Arts

### *Kindergarten*

Language Arts.K.3.1 (Reading)

All Students Will Understand And Apply The Knowledge Of Sounds, Letters, And Words In Written English To Become Independent And Fluent Readers, And Will Read A Variety Of Materials And Texts With Fluency And Comprehension.

F. Vocabulary and Concept Development

1. Continue to develop a vocabulary through meaningful, concrete experiences.
4. Use new vocabulary and grammatical construction in own speech.

Language Arts.K.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

A. Discussion

1. Share experiences and express ideas.
2. Participate in conversations with peers and adults.

B. Questioning (Inquiry) and Contributing

1. Share in conversations with others.
2. Use oral language to extend learning.

C. Word Choice

1. Use language to describe feelings, people, objects, and events.

Language Arts.K.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

A. Active Listening

1. Listen fully to understand instructions or hear daily messages.

### *Grade 1*

Language Arts.1.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

A. Discussion

2. Offer personal opinions in discussion and retell personal experiences.

B. Questioning (Inquiry) and Contributing

1. Respond to ideas and questions posed by others.
2. Ask and answer various types of questions.

Language Arts.1.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

A. Active Listening

1. Listen and respond appropriately to directions.

- B. Listening Comprehension
  - 2. Follow simple oral directions.

## **Grade 2**

Language Arts.2.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

- A. Discussion (small group and whole class)
  - 3. Offer personal opinions related to topics of discussion.
- B. Questioning (Inquiry) and Contributing
  - 2. Respond to ideas posed by others.

Language Arts.2.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

- A. Active Listening
  - 3. Listen and contribute to class discussions.
- B. Listening Comprehension
  - 1. Follow one- and two- step oral directions.

## **Science**

### **Kindergarten to Grade 2**

Science.K-2.5.10 (Environmental Studies)

All Students Will Develop An Understanding Of The Environment As A System Of Interdependent Components Affected By Human Activity And Natural Phenomena.

- B. Human Interactions and Impact
  - 1. Identify various needs of humans that are supplied by the natural or constructed environment.

### **Grade 3 to Grade 4**

Science.3-4.5.1 (Scientific Processes)

All Students Will Develop Problem-Solving, Decision-Making And Inquiry Skills, Reflected By Formulating Usable Questions And Hypotheses, Planning Experiments, Conducting Systematic Observations, Interpreting And Analyzing Data, Drawing Conclusions, And Communicating Results.

- A. Habits of Mind
  - 1. Raise questions about the world around them and be willing to seek answers through making careful observations and experimentation.

### **Grade 7 to Grade 8**

Science.7-8.5.10 (Environmental Studies)

All Students Will Develop An Understanding Of The Environment As A System Of Interdependent Components Affected By Human Activity And Natural Phenomena.

- B. Human Interactions and Impact
  - 1. Compare and contrast practices that affect the use and management of natural resources.

## **Social Studies**

### **Kindergarten to Grade 2**

Social Studies.K-2.6.2 (Civics)

All Students Will Know, Understand And Appreciate The Values And Principles Of American Democracy And The Rights, Responsibilities, And Roles Of A Citizen In The Nation And The World.

A. Civic Life, Politics, and Government

3. Describe how American citizens can participate in community and political life.
6. Explore basic concepts of diversity, tolerance, fairness, and respect for others.

Social Studies.K-2.6.5 (Economics)

All Students Will Acquire An Understanding Of Key Economic Principles.

A. Economic Literacy

1. Identify the basic goods and services a family needs for everyday life.

Social Studies.K-2.6.6 (Geography)

All Students Will Apply Knowledge Of Spatial Relationships And Other Geographic Skills To Understand Human Behavior In Relation To The Physical And Cultural Environment.

A. The World in Spatial Terms

1. Explain the spatial concepts of location, distance and direction, including:
  - The relative location of the community and places within it.

D. Human Systems

1. Identify the types of transportation used to move goods and people.

***Grade 3 to Grade 4***

Social Studies.3-4.6.6 (Geography)

All Students Will Apply Knowledge Of Spatial Relationships And Other Geographic Skills To Understand Human Behavior In Relation To The Physical And Cultural Environment.

B. Places and Regions

1. Identify the physical and human characteristics of places and regions in New Jersey and the United States (e.g., landforms, climate, vegetation, housing).
4. Discuss factors involved in the development of cities (e.g., transportation, food, marketplace, religion, military protection).

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# Sharing a Small World

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## Language Arts

### *Kindergarten*

Language Arts.K.3.1 (Reading)

All Students Will Understand And Apply The Knowledge Of Sounds, Letters, And Words In Written English To Become Independent And Fluent Readers, And Will Read A Variety Of Materials And Texts With Fluency And Comprehension.

D. Fluency

4. Listen and respond attentively to literary texts (e.g., nursery rhymes) and functional texts (e.g., science books).

## Science

### *Grade 2*

Science.K-2.5.10 (Environmental Studies)

All Students Will Develop An Understanding Of The Environment As A System Of Interdependent Components Affected By Human Activity And Natural Phenomena.

A. Natural Systems and Interactions

1. Associate organisms' basic needs with how they meet those needs within their surroundings.

B. Human Interactions and Impact

1. Identify various needs of humans that are supplied by the natural or constructed environment.

## Social Studies

### *Grades K-2*

Social Studies.K-2.6.2 (Civics)

All Students Will Know, Understand And Appreciate The Values And Principles Of American Democracy And The Rights, Responsibilities, And Roles Of A Citizen In The Nation And The World.

A. Civic Life, Politics, and Government

5. Explain that a responsibility means something you must or should do.

Social Studies.K-2.6.5 (Economics)

All Students Will Acquire An Understanding Of Key Economic Principles.

A. Economic Literacy

1. Identify the basic goods and services a family needs for everyday life.
2. Explain how the products individuals eat, wear, and use impact their health and safety and the environment.

Social Studies.K-2.6.6 (Geography)

All Students Will Apply Knowledge Of Spatial Relationships And Other Geographic Skills To Understand Human Behavior In Relation To The Physical And Cultural Environment.

E. Environment and Society

1. Describe the role of resources such as air, land, water, and plants in everyday life.
3. Act on small-scale, personalized environmental issues such as littering and recycling, and explain why such actions are important.

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# Web of Life

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## Language Arts

### *Kindergarten*

#### Language Arts.K.3.1 (Reading)

All Students Will Understand And Apply The Knowledge Of Sounds, Letters, And Words In Written English To Become Independent And Fluent Readers, And Will Read A Variety Of Materials And Texts With Fluency And Comprehension.

#### C. Decoding and Word Recognition

1. Recognize some words by sight.

#### D. Fluency

1. Practice reading behaviors such as retelling, reenacting, or dramatizing stories.

4. Listen and respond attentively to literary texts (e.g., nursery rhymes) and functional texts (e.g., science books).

#### E. Reading Strategies (before, during, and after reading)

3. Use picture clues to aid understanding of story content.

#### F. Vocabulary and Concept Development

1. Continue to develop a vocabulary through meaningful, concrete experiences.
4. Use new vocabulary and grammatical construction in own speech.

#### G. Comprehension Skills and Response to Text

1. Respond to a variety of poems and stories through movement, art, music, and drama.
2. Verbally identify the main character, setting, and important events in a story read aloud.

#### Language Arts.K.3.2 (Writing)

All Students Will Write In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

#### A. Writing as a Process (prewriting, drafting, revising, editing, postwriting)

7. Begin to sequence story events for writing using pictures, developmental spelling, or conventional text.

#### Language Arts.K.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

#### A. Discussion

1. Share experiences and express ideas.
3. React to stories, poems, and songs.

#### B. Questioning (Inquiry) and Contributing

2. Use oral language to extend learning.

#### Language Arts.K.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

#### A. Active Listening

1. Listen fully to understand instructions or hear daily messages.

2. Listen to identify main characters and events in stories.

Language Arts.K.3.5 (Viewing And Media Literacy)

All Students Will Access, View, Evaluate, And Respond To Print, Nonprint, And Electronic Texts And Resources.

B. Visual and Verbal Messages

1. Begin to sequence a series of pictures or images to tell a story.

### **Grade 1**

Language Arts.1.3.1 (Reading)

All Students Will Understand And Apply The Knowledge Of Sounds, Letters, And Words In Written English To Become Independent And Fluent Readers, And Will Read A Variety Of Materials And Texts With Fluency And Comprehension.

G. Comprehension Skills and Response to Text

1. Draw simple conclusions from information gathered from pictures, print, and people.

Language Arts.1.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

A. Discussion

2. Offer personal opinions in discussion and retell personal experiences.
3. Role-play situations and dramatize story events.

B. Questioning (Inquiry) and Contributing

1. Respond to ideas and questions posed by others.
2. Ask and answer various types of questions.

Language Arts.1.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

A. Active Listening

1. Listen and respond appropriately to directions.

B. Listening Comprehension

2. Follow simple oral directions.
4. Retell, reenact, or dramatize stories or parts of stories heard.
5. Respond appropriately to questions about stories read aloud.

Language Arts.1.3.5 (Viewing And Media Literacy)

All Students Will Access, View, Evaluate, And Respond To Print, Nonprint, And Electronic Texts And Resources.

B. Visual and Verbal Messages

2. Sequence a series of pictures or images to tell a story.

### **Grade 2**

Language Arts.2.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

B. Questioning (Inquiry) and Contributing

2. Respond to ideas posed by others.

D. Oral Presentation

1. Participate in a dramatization or role play.

Language Arts.2.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

A. Active Listening

1. Listen critically to identify main ideas and supporting details.
3. Listen and contribute to class discussions.

B. Listening Comprehension

1. Follow one- and two- step oral directions.

## Science

### ***Kindergarten to Grade 2***

Science.K-2.5.5 (Characteristics Of Life)

All Students Will Gain An Understanding Of The Structure, Characteristics, And Basic Needs Of Organisms And Will Investigate The Diversity Of Life.

A. Matter, Energy and Organization in Living Systems

1. Investigate the basic needs of humans and other organisms.

Science.K-2.5.10 (Environmental Studies)

All Students Will Develop An Understanding Of The Environment As A System Of Interdependent Components Affected By Human Activity And Natural Phenomena.

A. Natural Systems and Interactions

1. Associate organisms' basic needs with how they meet those needs within their surroundings.

### ***Grade 3 to Grade 4***

Science.3-4.5.5 (Characteristics Of Life)

All Students Will Gain An Understanding Of The Structure, Characteristics, And Basic Needs Of Organisms And Will Investigate The Diversity Of Life.

A. Matter, Energy and Organization in Living Systems

1. Identify the roles that organisms may serve in a food chain.

## Social Studies

### ***Kindergarten to Grade 2***

Social Studies.K-2.6.2 (Civics)

All Students Will Know, Understand And Appreciate The Values And Principles Of American Democracy And The Rights, Responsibilities, And Roles Of A Citizen In The Nation And The World.

A. Civic Life, Politics, and Government

5. Explain that a responsibility means something you must or should do.

Social Studies.K-2.6.5 (Economics)

All Students Will Acquire An Understanding Of Key Economic Principles.

A. Economic Literacy

2. Explain how the products individuals eat, wear, and use impact their health and safety and the environment.

Social Studies.K-2.6.6 (Geography)

All Students Will Apply Knowledge Of Spatial Relationships And Other Geographic Skills To Understand Human Behavior In Relation To The Physical And Cultural Environment.

B. Places and Regions

1. Describe the physical features of places and regions on a simple scale.
2. Describe the physical and human characteristics of places.

E. Environment and Society

1. Describe the role of resources such as air, land, water, and plants in everyday life.
3. Act on small-scale, personalized environmental issues such as littering and recycling, and explain why such actions are important.

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# Who Polluted the River?

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## Language Arts

### *Kindergarten*

#### Language Arts.K.3.1 (Reading)

All Students Will Understand And Apply The Knowledge Of Sounds, Letters, And Words In Written English To Become Independent And Fluent Readers, And Will Read A Variety Of Materials And Texts With Fluency And Comprehension.

#### C. Decoding and Word Recognition

1. Recognize some words by sight.

#### D. Fluency

1. Practice reading behaviors such as retelling, reenacting, or dramatizing stories.

4. Listen and respond attentively to literary texts (e.g., nursery rhymes) and functional texts (e.g., science books).

#### E. Reading Strategies (before, during, and after reading)

3. Use picture clues to aid understanding of story content.

#### F. Vocabulary and Concept Development

1. Continue to develop a vocabulary through meaningful, concrete experiences.

4. Use new vocabulary and grammatical construction in own speech.

#### G. Comprehension Skills and Response to Text

1. Respond to a variety of poems and stories through movement, art, music, and drama.

2. Verbally identify the main character, setting, and important events in a story read aloud.

#### Language Arts.K.3.2 (Writing)

All Students Will Write In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

#### A. Writing as a Process (prewriting, drafting, revising, editing, postwriting)

7. Begin to sequence story events for writing using pictures, developmental spelling, or conventional text.

#### Language Arts.K.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

#### A. Discussion

1. Share experiences and express ideas.

3. React to stories, poems, and songs.

#### B. Questioning (Inquiry) and Contributing

1. Share in conversations with others.

2. Use oral language to extend learning.

#### Language Arts.K.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

- A. Active Listening
  - 1. Listen fully to understand instructions or hear daily messages.
  - 2. Listen to identify main characters and events in stories.

Language Arts.K.3.5 (Viewing And Media Literacy)

All Students Will Access, View, Evaluate, And Respond To Print, Nonprint, And Electronic Texts And Resources.

- B. Visual and Verbal Messages
  - 1. Begin to sequence a series of pictures or images to tell a story.

## ***Grade 1***

Language Arts.1.3.1 (Reading)

All Students Will Understand And Apply The Knowledge Of Sounds, Letters, And Words In Written English To Become Independent And Fluent Readers, And Will Read A Variety Of Materials And Texts With Fluency And Comprehension.

G. Comprehension Skills and Response to Text

- 1. Draw simple conclusions from information gathered from pictures, print, and people.

Language Arts.1.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

A. Discussion

- 2. Offer personal opinions in discussion and retell personal experiences.
- 3. Role-play situations and dramatize story events.

B. Questioning (Inquiry) and Contributing

- 1. Respond to ideas and questions posed by others.
- 2. Ask and answer various types of questions.

Language Arts.1.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

A. Active Listening

- 1. Listen and respond appropriately to directions.

B. Listening Comprehension

- 2. Follow simple oral directions.
- 4. Retell, reenact, or dramatize stories or parts of stories heard.
- 5. Respond appropriately to questions about stories read aloud.

Language Arts.1.3.5 (Viewing And Media Literacy)

All Students Will Access, View, Evaluate, And Respond To Print, Nonprint, And Electronic Texts And Resources.

B. Visual and Verbal Messages

- 2. Sequence a series of pictures or images to tell a story.

## ***Grade 2***

Language Arts.2.3.3 (Speaking)

All Students Will Speak In Clear, Concise, Organized Language That Varies In Content And Form For Different Audiences And Purposes.

- A. Discussion (small group and whole class)
  - 3. Offer personal opinions related to topics of discussion.
- B. Questioning (Inquiry) and Contributing
  - 2. Respond to ideas posed by others.
  - 4. Identify a problem and simple steps for solving the problem.
- D. Oral Presentation
  - 1. Participate in a dramatization or role play.

Language Arts.2.3.4 (Listening)

All Students Will Listen Actively To Information From A Variety Of Sources In A Variety Of Situations.

- A. Active Listening
  - 1. Listen critically to identify main ideas and supporting details.
  - 3. Listen and contribute to class discussions.
- B. Listening Comprehension
  - 1. Follow one- and two- step oral directions.

**Science**

***Kindergarten to Grade 2***

Science.K-2.5.8 (Earth Science)

All Students Will Gain An Understanding Of The Structure, Dynamics, And Geophysical Systems Of The Earth.

- B. Atmosphere and Water
  - 1. Identify the sources and uses of water.

Science.K-2.5.10 (Environmental Studies)

All Students Will Develop An Understanding Of The Environment As A System Of Interdependent Components Affected By Human Activity And Natural Phenomena.

- B. Human Interactions and Impact
  - 1. Identify various needs of humans that are supplied by the natural or constructed environment.

**Social Studies**

***Kindergarten to Grade 2***

Social Studies.K-2.6.1

All Students Will Utilize Historical Thinking, Problem Solving, And Research Skills To Maximize Their Understanding Of Civics, History, Geography, And Economics.

- A. Social Studies Skills
  - 1. Explain the concepts of long ago and far away.
  - 2. Apply terms related to time including past, present, and future.

Social Studies.K-2.6.4 (United States And New Jersey History)

All Students Will Demonstrate Knowledge Of United States And New Jersey History In Order To Understand Life And Events In The Past And How They Relate To The Present And Future.

- A. Family and Community Life
  - 1. Recognize change and continuity in their lives.
  - 3. Compare family life today with long ago.

Social Studies.K-2.6.5 (Economics)

All Students Will Acquire An Understanding Of Key Economic Principles.

A. Economic Literacy

2. Explain how the products individuals eat, wear, and use impact their health and safety and the environment.

Social Studies.K-2.6.6 (Geography)

All Students Will Apply Knowledge Of Spatial Relationships And Other Geographic Skills To Understand Human Behavior In Relation To The Physical And Cultural Environment.

B. Places and Regions

1. Describe the physical features of places and regions on a simple scale.
2. Describe the physical and human characteristics of places.

E. Environment and Society

1. Describe the role of resources such as air, land, water, and plants in everyday life.
3. Act on small-scale, personalized environmental issues such as littering and recycling, and explain why such actions are important.