

The InvestiGator Club™

Correlation to the New York Language Arts Core Curriculum

The following references are examples of components and teaching in The InvestiGator Club Prekindergarten Learning System that align to the **New York Language Arts Core Curriculum**. The correlation is intended to illustrate the system’s approach to these standards, not the comprehensiveness of the program.

PREKINDERGARTEN READING	
Standard 1: Students will read, write, listen, and speak for information and understanding.	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Dilly and Friends Lapbooks and Little Books Dilly and Friends Read Along CD Listen to Your World CD Trade Books Bruno’s Buzz Nonfiction Readers Oral Language Cards eFlapboards Learning Software Investigation Flapboards and Flap Fillers Let’s Investigate! Center Card: “Picture Dictionary” Weather Watchers Center Card: “Weather Book” Daily Routine Posters	Let’s Investigate! TG p. 42 Learning Centers: Reading Practice and Picture Dictionary TG pp. 62–63 Small Group: Literacy Healthy You TG p. 28 Daily Routines: Birthdays and Days in Review TG p. 125 Literacy: Safety Signs and Reread a Senses Story Finny, Feathery, Furry Friends TG pp. 66–67 Whole Group: Literacy TG p. 125 Science: Reread a Story Splash and Dig TG p. 125 Science: Reread a Muddy Story Watch It Grow TG p. 46 Learning Centers: Watch It Grow Clips and Move to the Rhythm Weather Watchers TG p. 30 Daily Routines: Weather and Bee Mail TG p. 40 Learning Centers: Read and Talk and News at Friendly Farm TG p. 41 Learning Centers: Weather Book TG pp. 122–123 Small Group: Science
Standard 2: Students will read, write, listen, and speak for literary response and expression.	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Dilly and Friends Lapbooks and Little Books Dilly and Friends Read Along CD Trade Books Investigation Flapboards and Flap Fillers Under Construction Reproducible: “The Three Little Pigs” (TG p. 164) Finny, Feathery, Furry Friends Reproducible: “The Lion and the Mouse” (TG p. 164)	Let’s Investigate! TG p. 95 Literacy: Reading Everywhere TG p. 117 Literacy: Storytelling Necklaces TG pp. 190–191 Opening Circle Time: Oral Language Under Construction TG pp. 66–67 Whole Group: Literacy Healthy You TG pp. 66–67 Whole Group: Literacy Finny, Feathery, Furry Friends TG pp. 86–87 Whole Group: Math TG pp. 126–127 Whole Group: Storytelling Classics Splash and Dig TG pp. 66–67 Whole Group: Literacy

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Standard 3: Students will read, write, listen, and speak for critical analysis and evaluation.	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Dilly and Friends Lapbooks and Little Books Dilly and Friends Read Along CD Trade Books Investigation Flapboards and Flap Fillers	Let's Investigate! TG p. 139 Literacy: Have a Book Parade! TG p. 161 Literacy: Teach Manny to Read TG p. 193 Oral Language: The Facts in You Finny, Feathery, Furry Friends TG p. 85 Literacy: Reread a Story Weather Watchers TG p. 89 Literacy: Reread a Number Story

Standard 4: Students will read, write, listen, and speak for social interaction.	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Dilly and Friends Lapbooks and Little Books Dilly and Friends Read Along CD Dilly and Friends Doll Puppets Daily Routine Posters Investigation Flapboards and Flap Fillers Watch It Grow Center Card: "Books About Plants"	Let's Investigate! TG pp. 80–81 Opening Circle Time: Oral Language Under Construction TG p. 40 Learning Centers: Let's Read! and Act Out a Story Healthy You TG pp. 70–71 Closing Circle Time: Shared Writing Splash and Dig TG pp. 70–71 Closing Circle Time: Shared Writing Watch It Grow TG p. 40 Learning Centers: Books About Plants TG p. 41 Learning Centers: Greetings from the Garden

PREKINDERGARTEN WRITING	
Standard 1: Students will read, write, listen, and speak for information and understanding.	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Daily Routine Posters Dilly's Alphabet Cards Alphabet Flapboard and Flap Fillers Magnetic Foam Letters Dilly and Friends Lapbooks and Little Books Dilly and Friends Read Along CD Trade Books Oral Language Cards Investigation Flapboards and Flap Fillers Under Construction Center Card: "That's My Name" Healthy You Center Card: "Your Name in Print" Weather Watchers Center Card: "Weather Book" Bruno's Buzz Nonfiction Readers	Let's Investigate! TG p. 43 Learning Centers: Writing Practice and Writing Role Play TG pp. 96–97 Closing Circle Time: Shared Writing TG pp. 162–163 Closing Circle Time: Shared Writing TG pp. 184–185 Closing Circle Time: Shared Writing TG p. 226 Science: Investigators Record TG pp. 228–229 Closing Circle Time: Shared Writing Under Construction TG p. 41 Learning Centers: That's My Name! TG pp. 70–71 Closing Circle Time: Shared Writing Healthy You TG p. 46 Learning Centers: Your Name in Print Finny, Feathery, Furry Friends TG pp. 66–67 Whole Group: Literacy TG pp. 130–131 Closing Circle Time: Shared Writing Weather Watchers TG p. 41 Learning Centers: Felt Board Names and Stories and Weather Book

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Standard 2: Students will read, write, listen, and speak for literary response and expression.	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Dilly and Friends Lapbooks and Little Books Dilly and Friends Read Along CD Dilly and Friends Doll Puppets Investigation Flapboards and Flap Fillers Healthy You Reproducible: “Stone Soup” (TG p. 164) Trade Books	Let’s Investigate! TG pp. 162–163 Closing Circle Time: Shared Writing TG pp. 228–229 Closing Circle Time: Shared Writing Under Construction TG pp. 62–63 Small Group: Early Writing TG pp. 90–91 Closing Circle Time: Shared Writing TG p. 133 Shared Writing: Write Away Healthy You TG pp. 126–127 Whole Group: Storytelling Classics Finny, Feathery, Furry Friends TG pp. 62–63 Small Group: Early Writing Watch It Grow TG pp. 82–83 Small Group: Literacy

Standard 3: Students will read, write, listen, and speak for critical analysis and evaluation.	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Trade Books Investigation Flapboards and Flap Fillers Bruno’s Buzz Nonfiction Readers	Let’s Investigate! TG p. 231 Early Writing: The InvestiGator Club Under Construction TG p. 85 Science: Gather Water Data Healthy You TG pp. 62–63 Small Group: Early Writing Splash and Dig TG pp. 62–63 Small Group: Early Writing Weather Watchers TG pp. 62–63 Small Group: Early Writing

Standard 4: Students will read, write, listen, and speak for social interaction.	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Dilly and Friends Lapbooks and Little Books Dilly and Friends Read Along CD Dilly and Friends Doll Puppets Investigation Flapboards and Flap Fillers	Let’s Investigate! TG pp. 140–141 Closing Circle Time: Shared Writing TG pp. 232–233 Culminating Activity: Investigation Celebration Healthy You TG p. 92 Oral Language: Sharing Chair Finny, Feathery, Furry Friends TG pp. 110–111 Closing Circle Time: Shared Writing Splash and Dig TG p. 109 Art: Draw a Game Watch It Grow TG pp. 62–63 Small Group: Early Writing Weather Watchers TG p. 105 Literacy: Write a Story

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PREKINDERGARTEN LISTENING	
Standard 1: Students will read, write, listen, and speak for information and understanding.	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
<p><i>Dilly and Great Auntie Lu</i> Lapbook and Little Book <i>Dilly and Bruno Buzzbee</i> Lapbook and Little Book Dilly and Friends Read Along CD Dilly’s Music and Movement CD Listen to Your World CD Oral Language Cards Investigation Flapboards and Flap Fillers</p>	<p>Let’s Investigate! TG p. 94 Social Studies: Hello Around the World TG pp. 154–155 Small Group: Literacy TG p. 157 Social Studies: We Have Needs TG p. 179 Science: Loud and Quiet Sounds TG pp. 206–207 Closing Circle Time: Make Connections</p> <p>Under Construction TG p. 28 Daily Routines: Birthdays and Days in Review TG p. 73 Listening: Construction Sounds TG p. 84 Social Studies: Community Workers TG pp. 122–123 Small Group: Science</p> <p>Healthy You TG p. 132 Health: Stop, Drop, Roll</p> <p>Finny, Feathery, Furry Friends TG pp. 70–71 Closing Circle Time: Shared Writing TG pp. 122–123 Small Group: Science</p> <p>Splash and Dig TG p. 73 Listening: Water Sounds TG p. 109 Literacy: Really Listen! TG pp. 122–123 Small Group: Science</p> <p>Watch It Grow TG pp. 106–107 Whole Group: Social and Emotional TG p. 132 Dramatic Play: Farm to Store Role Play TG p. 133 Math: How Far Is It?</p>
Standard 2: Students will read, write, listen, and speak for literary response and expression.	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
<p>Dilly and Friends Read Along CD eFlapboards Learning Software Investigation Flapboards and Flap Fillers</p>	<p>Let’s Investigate! TG p. 223 Literacy: Sequence of Events TG p. 227 Literacy: Sequence of Events</p> <p>Splash and Dig TG p. 113 Oral Language: Show Us How</p> <p>Weather Watchers TG p. 65 Literacy: “We Watch Weather” TG pp. 126–127 Whole Group: Storytelling Classics</p>

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Standard 3: Students will read, write, listen, and speak for critical analysis and evaluation.	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
<p><i>Dilly and Manny Salamander</i> Lapbook and Little Book <i>Dilly and Friends</i> Read Along CD Listen to Your World CD Investigation Flapboards and Flap Fillers Under Construction Reproducible: “The Three Little Pigs” (TG p. 164) Healthy You Reproducible: “Stone Soup” (TG p. 164) Splash and Dig Reproducible: “How the Fly Saved the River” (TG p. 164) Weather Watchers Reproducible: “The Wind and the Sun” (TG p. 164)</p>	<p>Let’s Investigate! TG pp. 146–147 Opening Circle Time: Oral Language Under Construction TG pp. 126–127 Whole Group: Storytelling Classics TG p. 129 Literacy: Retell a Classic Healthy You TG pp. 126–127 Whole Group: Storytelling Classics TG p. 129 Literacy: Retell a Classic Splash and Dig TG p. 113 Oral Language: Show Us How TG pp. 126–127 Whole Group: Storytelling Classics TG p. 129 Literacy: Retell a Classic Watch It Grow TG p. 59 Listening: What Do You Hear? Weather Watchers TG pp. 126–127 Whole Group: Storytelling Classics TG p. 129 Literacy: Retell a Classic</p>

Standard 4: Students will read, write, listen, and speak for social interaction.	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
<p><i>Dilly and Chuck Wood</i> Lapbook and Little Book <i>Dilly and Great Auntie Lu</i> Lapbook and Little Book <i>Dilly and Friends</i> Read Along CD Dilly and Friends Doll Puppets Listen to Your World CD Investigation Flapboards and Flap Fillers</p>	<p>Let’s Investigate! TG p. 126 Back to School: School Helpers TG pp. 140–141 Closing Circle Time: Shared Writing Under Construction TG pp. 110–111 Closing Circle Time: Shared Writing Healthy You TG pp. 90–91 Closing Circle Time: Shared Writing Finny, Feathery, Furry Friends TG p. 65 Social and Emotional: Show You Care TG p. 133 Literacy: Kindness Counts Splash and Dig TG pp. 106–107 Whole Group: Social and Emotional TG pp. 130–131 Closing Circle Time: Shared Writing</p>

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PREKINDERGARTEN SPEAKING	
Standard 1: Students will read, write, listen, and speak for information and understanding.	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Oral Language Cards Investigation Flapboards and Flap Fillers Daily Routine Posters	<p>Let’s Investigate! TG pp. 184–185 Closing Circle Time: Shared Writing</p> <p>Under Construction TG pp. 62–63 Small Group: Early Writing</p> <p>Healthy You TG pp. 56–57 Opening Circle Time: Oral Language TG pp. 76–77 Opening Circle Time: Oral Language TG p. 105 Literacy: Act Out a Story</p> <p>Finny, Feathery, Furry Friends TG pp. 56–57 Opening Circle Time: Oral Language TG pp. 62–63 Small Group: Early Writing TG p. 72 Oral Language: Sharing Chair</p> <p>Splash and Dig TG p. 79 Oral Language: Questions, Please! TG pp. 96–97 Opening Circle Time: Oral Language</p> <p>Watch It Grow TG p. 132 Dramatic Play: Farm to Store Role Play</p>
Standard 2: Students will read, write, listen, and speak for literary response and expression.	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
<i>Dilly and Manny Salamander</i> Lapbook and Little Book Dilly and Friends Read Along CD Listen to Your World CD Investigation Flapboards and Flap Fillers	<p>Let’s Investigate! TG p. 73 Dramatic Play: The Imagination in You TG pp. 76–77 Investigation Launch TG pp. 92–93 Whole Group: Readiness: Near and Far</p> <p>Under Construction TG pp. 66–67 Whole Group: Literacy</p> <p>Healthy You TG p. 82–83 Small Group: Literacy TG pp. 106–107 Whole Group: Social and Emotional</p> <p>Finny, Feathery, Furry Friends TG pp. 66–67 Whole Group: Literacy</p> <p>Splash and Dig TG p. 69 Literacy: Read Poetry</p> <p>Watch It Grow TG p. 69 Literacy: Reread a Soup Story TG pp. 96–97 Opening Circle Time: Oral Language</p>

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Standard 3: Students will read, write, listen, and speak for critical analysis and evaluation.	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
<p><i>Dilly and Great Auntie Lu</i> Lapbook and Little Book Dilly and Friends Read Along CD Oral Language Cards Investigation Flapboards and Flap Fillers</p>	<p>Let's Investigate! TG pp. 102–103 Opening Circle Time: Oral Language TG p. 105 Literacy: The Storyteller in You</p> <p>Under Construction TG pp. 56–57 Opening Circle Time: Oral Language TG p. 119 Oral Language: Does It Matter?</p> <p>Healthy You TG pp. 86–87 Whole Group: Math</p> <p>Splash and Dig TG pp. 66–67 Whole Group: Literacy</p> <p>Watch It Grow TG pp. 86–87 Whole Group: Math</p> <p>Weather Watchers TG pp. 66–67 Whole Group: Literacy TG p. 68 Fine Art: <i>My Country Is Winter</i></p>

Standard 4: Students will read, write, listen, and speak for social interaction.	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
<p>Art Prints Oral Language Cards Investigation Flapboards and Flap Fillers Dilly and Friends Doll Puppets</p>	<p>Let's Investigate! TG p. 121 Oral Language: Tell Us a Story TG p. 164 Oral Language: Sharing Chair</p> <p>Under Construction TG pp. 70–71 Closing Circle Time: Shared Writing TG p. 132 Oral Language: Hello, My Name Is Gabby</p> <p>Healthy You TG pp. 56–57 Opening Circle Time: Oral Language TG pp. 96–97 Opening Circle Time: Oral Language</p> <p>Finny, Feathery, Furry Friends TG p. 59 Oral Language: Pet the Pet and Oral Language: Pet Talk</p> <p>Splash and Dig TG pp. 76–77 Opening Circle Time: Oral Language</p> <p>Watch It Grow TG p. 99 Oral Language: Planting Rhyme</p> <p>Weather Watchers TG p. 93 Oral Language: Weather Report</p>

The InvestiGator Club™

Correlation to the New York Mathematics Core Curriculum

The following references are examples of components and teaching in The InvestiGator Club Prekindergarten Learning System that align to the **New York Mathematics Core Curriculum**. The correlation is intended to illustrate the system’s approach to these standards, not the comprehensiveness of the program.

PROBLEM SOLVING STRAND

Students will build new mathematical knowledge through problem solving.

PK.PS.1 Explore, examine, and make observations about a social problem or mathematical situation

The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Trade Books: <i>The Shape of Things</i> , <i>Little Quack</i> , <i>One-Dog Canoe</i> , <i>Millions of Snowflakes</i> , <i>Apple Farmer Annie</i> , <i>More, Fewer, Less</i> Bruno’s Buzz Nonfiction Readers: <i>Build a Doghouse!</i> , <i>The Shopping List</i> Investigation Flapboards and Flap Fillers Finny, Feathery, Furry Friends Center Card: “How Many Dogs?”	Healthy You TG pp. 86–87 Whole Group: Math Finny, Feathery, Furry Friends TG p. 37 Daily Routines: Animal Crackers Weather Watchers TG pp. 86–87 Whole Group: Math

PK.PS.2 Interpret information correctly, identify the problem, and generate possible solutions

The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Trade Books: <i>One-Dog Canoe</i> Bruno’s Buzz Nonfiction Reader: <i>Build a Doghouse!</i> Investigation Flapboards and Flap Fillers Finny, Feathery, Furry Friends Center Card: “How Many Dogs?” Weather Watchers Center Card: “Sequence Game”	Under Construction TG pp. 54–55 Investigation Station Splash and Dig TG pp. 54–55 Investigation Station Watch It Grow TG pp. 54–55 Investigation Station

Students will solve problems that arise in mathematics and in other contexts.

PK.PS.3 Act out or model with manipulatives activities involving mathematical content from literature and/or story telling

The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Magnetic Foam Numbers Magnetic Counting Strips Trade Books: <i>The Shape of Things</i> , <i>Little Quack</i> , <i>One-Dog Canoe</i> , <i>Millions of Snowflakes</i> , <i>Apple Farmer Annie</i> , <i>More, Fewer, Less</i> Bruno’s Buzz Nonfiction Readers: <i>Build a Doghouse!</i> , <i>The Shopping List</i> Investigation Flapboards and Flap Fillers	Healthy You TG p. 128 Math: Stories for 1, 2, 3, 4 Finny, Feathery, Furry Friends TG pp. 86–87 Whole Group: Math Splash and Dig TG pp. 86–87 Whole Group: Math

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PK.PS.4 Formulate problems and solutions from everyday situations (e.g., as counting the number of children in the class or using the calendar to teach counting)	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Dilly and Friends Doll Puppets Clubhouse Attendance Poster Bruno Bee Mail Poster Trade Books: <i>Little Quack, More, Fewer, Less</i> Finny, Feathery, Furry Friends Center Card: “How Many Dogs?”	Let’s Investigate! TG p. 113 Math: People Patterns Watch It Grow TG p. 33 Daily Routines: Numbers Weather Watchers TG p. 33 Daily Routines: Numbers

Students will apply and adapt a variety of appropriate strategies to solve problems.	
PK.PS.5 Use informal counting strategies to find solutions	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Magnetic Counting Strips Trade Book: <i>Little Quack, More, Fewer, Less</i> Finny, Feathery, Furry Friends Center Card: “How Many Dogs?” Weather Watchers Flapboards and Flap Fillers	Under Construction TG p. 60 Everyday Literacy: Clap Words Healthy You TG pp. 86–87 Whole Group: Math Watch It Grow TG p. 108 Math: Measuring Sunflowers Weather Watchers TG p. 105 Literacy: Reread “Count with Me” TG p. 128 Math: 0 to 10 Floor Graph

PK.PS.6 Experience teacher-directed questioning process to understand problems	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Magnetic Counting Strips Investigation Flapboards and Flap Fillers	Let’s Investigate! TG p. 200 Readiness: Alike and Different Under Construction TG p. 33 Daily Routines: Numbers Weather Watchers TG pp. 86–87 Whole Group: Math

PK.PS.7 Compare and discuss ideas for solving a problem with teacher and/or students to justify their thinking	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Magnetic Counting Strips Investigation Flapboards and Flap Fillers	Let’s Investigate! TG pp. 92–93 Whole Group: Readiness: Near and Far Splash and Dig TG p. 89 Math: Reread <i>One-Dog Canoe</i> Weather Watchers TG p. 64 Math: The Number 10

PK.PS.8 Use manipulatives (e.g., tiles, blocks) to model the action in problems	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Magnetic Foam Numbers Magnetic Counting Strips Investigation Flapboards and Flap Fillers	Let’s Investigate! TG p. 227 Math: Knock Again Splash and Dig TG p. 84 Math: We Dig 6 TG p. 108 Math: Connecting Blocks TG p. 128 Math: Bounce and Count

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PK.PS.9 Use drawings/pictures to model the action in problems	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Trade Books: <i>The Shape of Things</i> , <i>Little Quack</i> , <i>One-Dog Canoe</i> , <i>Millions of Snowflakes</i> , <i>Apple Farmer Annie</i> , <i>More, Fewer, Less</i> Bruno's Buzz Nonfiction Readers: <i>Build a Doghouse!</i> , <i>The Shopping List</i> Let's Investigate! Center Card: "Build a Tree House" Under Construction Center Card: "Build a Pattern"	Healthy You TG p. 42 Learning Centers: Doughy Numbers Weather Watchers TG pp. 90–91 Closing Circle Time: Shared Writing

Students will monitor and reflect on the process of mathematical problem solving.	
PK.PS.10 Explain to others how a problem was solved, giving strategies	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Investigation Flapboards and Flap Fillers	Splash and Dig TG p. 89 Math: Reread <i>One-Dog Canoe</i> Watch It Grow TG p. 133 Math: How Far Is It? Weather Watchers TG pp. 102–103 Small Group: Math

REASONING AND PROOF STRAND

Students will recognize reasoning and proof as fundamental aspects of mathematics.	
PK.RP.1 Understand that mathematical statements can be true or false	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Foam Numbers Magnetic Counting Strips Magnetic Math Board Investigation Flapboards and Flap Fillers	Finny, Feathery, Furry Friends TG p. 33 Daily Routines: Numbers TG p. 84 Math: The Number 5 Weather Watchers TG p. 64 Math: The Number 10

Students will make and investigate mathematical conjectures.	
PK.RP.2 Investigate the use of knowledgeable guessing as a mathematical tool	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Trade Book: <i>One-Dog Canoe</i> Finny, Feathery, Furry Friends Center Card: "How Many Dogs?"	Healthy You TG p. 103 Small Group: Make Connections Splash and Dig TG p. 87 Whole Group: Read the Story Watch It Grow TG p. 108 Math: Measuring Sunflowers TG p. 133 Math: How Far Is It?

PK.RP.3 Explore guesses, using a variety of objects and manipulatives	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Magnetic Foam Numbers Magnetic Counting Strips	Under Construction TG p. 128 Math: How Many? Finny, Feathery, Furry Friends TG p. 33 Daily Routines: Numbers Splash and Dig TG p. 64 Math: The Number 6 Watch It Grow TG p. 108 Math: Measuring Sunflowers

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Students will develop and evaluate mathematical arguments and proofs.	
PK.RP.4 Listen to claims other students make	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Magnetic Foam Numbers Magnetic Counting Strips Investigation Flapboards and Flap Fillers	Under Construction TG pp. 54–55 Investigation Station Healthy You TG p. 105 Math: Rubber Band Shapes Finny, Feathery, Furry Friends TG p. 33 Daily Routines: Numbers

COMMUNICATION STRAND

Students will organize and consolidate their mathematical thinking through communication.	
PK.CM.1 Understand how to organize their thought processes with teacher guidance	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Investigation Flapboards and Flap Fillers	Under Construction TG p. 33 Daily Routines: Numbers Finny, Feathery, Furry Friends TG p. 93 Math: If You Were an Animal Splash and Dig TG p. 33 Daily Routines: Numbers

Students will communicate their mathematical thinking coherently and clearly to peers, teachers, and others.	
PK.CM.2 Share mathematical ideas through the manipulation of objects, drawings, pictures, and verbal explanations	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Dilly and Friends Doll Puppets Magnetic Math Board Magnetic Foam Numbers Magnetic Counting Strips Investigation Flapboards and Flap Fillers	Finny, Feathery, Furry Friends TG p. 42 Learning Centers: Part and Whole Splash and Dig TG p. 108 Math: Connecting Blocks Watch It Grow TG p. 93 Science: Fruit Salad Survey

Students will analyze and evaluate the mathematical thinking and strategies of others.	
PK.CM.3 Listen to solutions shared by other students	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Investigation Flapboards and Flap Fillers	Under Construction TG p. 47 Learning Center: Dump Trucks Splash and Dig TG p. 124 Math: The Number 7

PK.CM.4 Formulate mathematically relevant questions with teacher guidance	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Magnetic Foam Numbers Magnetic Counting Strips Investigation Flapboards and Flap Fillers	Healthy You TG p. 33 Daily Routines: Numbers Splash and Dig TG pp. 102–103 Small Group: Math Weather Watchers TG p. 105 Literacy: Reread “Count with Me”

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Students will use the language of mathematics to express mathematical ideas precisely.	
PK.CM.5 Use appropriate mathematical terms, vocabulary, and language	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Magnetic Foam Numbers Magnetic Counting Strips Trade Books: <i>The Shape of Things, Little Quack, One-Dog Canoe, Millions of Snowflakes, Apple Farmer Annie, More, Fewer, Less</i> Investigation Flapboards and Flap Fillers	Healthy You TG p. 69 Math: Hide and Seek Finny, Feathery, Furry Friends TG pp. 86–87 Whole Group: Math Splash and Dig TG p. 99 Oral Language: “Seven Minnows”

CONNECTIONS STRAND

Students will recognize and apply mathematics in contexts outside of mathematics.	
PK.CN.1 Recognize the presence of mathematics in their daily lives	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Bruno’s Buzz Nonfiction Readers: <i>Build a Doghouse!, The Shopping List</i> Investigation Flapboards and Flap Fillers Finny, Feathery, Furry Friends Center Card: “How Many Dogs?”	Let’s Investigate! TG p. 139 Math: Match a Snack TG p. 156 Math: More or Less Splash and Dig TG pp. 122–123 Small Group: Science

PK.CN.2 Use counting strategies to solve problems in their daily lives	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Magnetic Counting Strips Trade Books: <i>Apple Farmer Annie, Little Quack</i> Bruno’s Buzz Nonfiction Reader: <i>The Shopping List</i>	Let’s Investigate! TG p. 35 Daily Routines: Numbers TG pp. 132–133 Small Group: Math Watch It Grow TG p. 93 Science: Fruit Salad Survey

PK.CN.3 Recognize and apply mathematics to objects and pictures	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Magnetic Foam Numbers Magnetic Counting Strips Bruno’s Buzz Nonfiction Readers: <i>The Shopping List, Build a Doghouse!</i> Finny, Feathery, Furry Friends Center Card: “How Many Dogs?”	Let’s Investigate! TG p. 178 Readiness: Opposites and Math: From Small to Large Healthy You TG p. 64 Math: The Number 3 Splash and Dig TG p. 64 Math: The Number 6

The InvestiGator Club and New York Mathematics Core Curriculum Correlation

REPRESENTATION STRAND

Students will create and use representations to organize, record, and communicate mathematical ideas.

PK.R.1 Use multiple representations, including verbal language, acting out or modeling a situation, and drawing pictures as representations

The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Magnetic Foam Numbers Magnetic Counting Strips Bruno’s Buzz Nonfiction Reader: <i>The Shopping List</i> Watch It Grow Center Card: “Produce Stand”	Let’s Investigate! TG pp. 224–225 Whole Group: Readiness: Investigating Shapes Healthy You TG p. 64 Math: The Number 3 TG p. 84 Math: The Number 3

PK.R.2 Use standard and nonstandard representations

The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Magnetic Counting Strips Bruno’s Buzz Nonfiction Reader: <i>The Shopping List</i> Watch It Grow Center Card: “Produce Stand”	Let’s Investigate! TG p. 183 Math: Cut to Size Splash and Dig TG p. 47 Learning Centers: Water Play TG p. 64 Science: Gathering Water Data Watch It Grow TG p. 69 Math: Bigger than a Tree? TG p. 108 Whole Group: Measuring Sun Flowers TG p. 133 Math: How Far Is It?

Students will use representations to model and interpret physical, social, and mathematical phenomena.

PK.R.3 Use objects to show and understand physical phenomena (e.g., guess the number of cookies in a package)

The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Dilly and Friends Doll Puppets Magnetic Foam Numbers Magnetic Counting Strips	Healthy You TG p. 33 Daily Routines: Numbers Watch It Grow TG p. 84 Math: A Basket of 8 Weather Watchers TG p. 37 Daily Routines: Trail Mix

PK.R.4 Use objects to show and understand social phenomena (e.g., count and represent sharing cookies between friends)

The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Dilly and Friends Doll Puppets <i>Dilly and Chuck Wood</i> Lapbook and Little Book	Let’s Investigate! TG p. 39 Daily Routines: Establish Set-Up/Clean-Up Routines Watch It Grow TG p. 37 Daily Routines: Drink Your Milk!, Bagel Faces, and Fruits and Seeds

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PK.R.4 Use objects to show and understand mathematical phenomena (e.g., draw pictures to show a story problem, show number value using fingers on your hand)	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Magnetic Foam Numbers Magnetic Counting Strips <i>Dilly and Chuck Wood</i> Lapbook and Little Book	Healthy You TG p. 84 Math: The Number 3 TG p. 124 Math: The Number 4 Splash and Dig TG p. 124 Math: The Number 7

NUMBER SENSE AND OPERATIONS STRAND

Students will understand numbers, multiple ways of representing numbers, relationships among numbers, and number systems.

PK.N.1 Count the items in a collection and know the last counting word tells how many items are in the collection (1 to 10)	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Magnetic Counting Strips Trade Book: <i>Little Quack</i> Investigation Flapboards and Flap Fillers	Finny, Feathery, Furry Friends TG p. 37 Daily Routines: Animal Crackers Weather Watchers TG p. 64 Math: The Number 10 TG pp. 90–91 Closing Circle Time: Shared Writing

PK.N.2 Count out (produce) a collection of a specified size 1 to 10	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Magnetic Foam Numbers Magnetic Counting Strips	Healthy You TG p. 128 Math: Stories for 1, 2, 3, 4 Watch It Grow TG p. 64 Math: The Number 8 Weather Watchers TG p. 84 Math: We Know 10

PK.N.3 Verbally count by 1's to 10	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Magnetic Foam Numbers Magnetic Counting Strips Let's Investigate! Flapboards and Flap Fillers	Let's Investigate! TG p. 227 Math: Knock Again Under Construction TG p. 33 Daily Routines: Numbers Weather Watchers TG p. 64 Math: The Number 10

PK.N.4 Explore the different representations of a group of objects	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Magnetic Foam Numbers Magnetic Counting Strips	Let's Investigate! TG p. 178 Readiness: Opposites and Math: From Small to Large Healthy You TG p. 48 Learning Centers: We Are So Different! TG p. 124 Math: The Number 4 Watch It Grow TG p. 33 Daily Routines: Numbers

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PK.N.5 Draw pictures or other informal symbols to represent a spoken number up to 5	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Investigation Flapboards and Flap Fillers	Healthy You TG p. 33 Daily Routines: Numbers Finny, Feathery, Furry Friends TG p. 64 Math: The Number 5 TG pp. 86–87 Whole Group: Math

PK.N.6 Draw pictures or other informal symbols to represent how many in a collection up to 5	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Magnetic Foam Numbers Magnetic Counting Strips Weather Watchers Flapboards and Flap Fillers	Under Construction TG p. 84 Math: The Number 1 Healthy You TG p. 128 Math: Stories for 1, 2, 3, 4 Weather Watchers TG p. 105 Literacy: Reread “Count with Me”

PK.N.7 Recognize numerals (0-5)	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Magnetic Foam Numbers Magnetic Counting Strips Finny, Feathery, Furry Friends Center Card: “How Many Dogs?”	Under Construction TG p. 124 Math: The Number 2 Healthy You TG p. 64 Math: The Number 3 Finny, Feathery, Furry Friends TG p. 42 Learning Centers: How Many Dogs? TG p. 128 Math: 0 to 5

PK.N.8 Use and understand the terms <i>first</i> and <i>last</i>	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Magnetic Foam Numbers Magnetic Counting Strips Trade Book: <i>Apple Farmer Annie</i>	Let’s Investigate! TG pp. 60–61 Everyday Literacy: Alphabet Knowledge TG pp. 108–109 Everyday Literacy: Alphabet Knowledge TG pp. 130–131 Everyday Literacy: Alphabet Knowledge TG pp. 180–181 Whole Group: Readiness: Direction and Position

Students will understand meanings of operations and procedures, and how they relate to one another.	
PK.N.9 Develop addition and subtraction readiness with sums up to 4 and subtraction involving one to four items, using manipulatives	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Magnetic Foam Numbers Magnetic Counting Strips Trade Book: <i>One-Dog Canoe</i> Investigation Flapboards and Flap Fillers	Splash and Dig TG p. 89 Math: Reread <i>One-Dog Canoe</i> Weather Watchers TG p. 42: Learning Centers: How Much Do They Cost? TG pp. 102–103 Small Group: Math

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ALGEBRA STRAND

Students will recognize, use, and represent algebraically patterns, relations, and functions.	
PK.A.1 Duplicate simple patterns using concrete objects	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Trade Book: <i>The Shape of Things</i> Under Construction Flapboards and Flap Fillers Under Construction Center Card: “Build a Pattern”	Let’s Investigate! TG p. 113 Math: People Patterns Under Construction TG p. 42 Learning Center: Build a Pattern TG p. 108 Music: Carpenter’s Rhythm and Math: Make and Extend Patterns Weather Watchers TG p. 42 Learning Centers: Can You Make This?

GEOMETRY STRAND

Students will use visualization and spatial reasoning to analyze characteristics and properties of geometric shapes.	
PK.G.1 Match shapes, first with same size and orientation, then with different sizes and orientation	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Trade Book: <i>The Shape of Things</i> Art Prints Healthy You Flapboards and Flap Fillers	Under Construction TG p. 29 Daily Routines: Featured Artist TG p. 68 Fine Art: <i>The Builders</i> TG p. 89 Art: Shapely Homes and Literacy: Reread a Shape Story Finny, Feathery, Furry Friends TG p. 68 Fine Art: <i>Los Pescados Peña</i> Watch It Grow TG pp. 102–103 Small Group: Math

PK.G.2 Informally play with solids (e.g., building blocks)	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Blocks Center Cards	Under Construction TG pp. 134–135 Culminating Activity Healthy You TG p. 48 Learning Centers: Drive-Through Restaurant TG pp. 54–55 Investigation Station Finny, Feathery, Furry Friends TG p. 48 Learning Centers: Build a Farm and Tabletop Zoo or Wildlife Park

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MEASUREMENT STRAND

Students will determine what can be measured and how, using appropriate methods and formulas.	
PK.M.1 Develop language such as bigger, longer, and taller to discuss length	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Bruno's Buzz Nonfiction Reader: <i>Build a Doghouse!</i> Finny, Feathery, Furry Friends Flapboards and Flap Fillers	Let's Investigate! TG p. 156 Math: More or Less TG p. 205 Math: Long and Short Worms Finny, Feathery, Furry Friends TG p. 69 Math: Color, Size, Shape Watch It Grow TG p. 69 Math: Bigger than a Tree? TG p. 108 Math: Measuring Sunflowers

PK.M.2 Relate specific times such as day and night	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
JT Days Poster Oral Language Card 61 Weather Watchers Center Card: "Weather Watching"	Let's Investigate! TG p. 134 Readiness: Yesterday, Today, Tomorrow TG pp. 135–136 Whole Group: Readiness: Time Watch It Grow TG p. 28 Daily Routines: Days in Review Weather Watchers TG p. 84 Social Studies: Morning, Afternoon, Evening

STATISTICS AND PROBABILITY STRAND

Students will collect, organize, display, and analyze data.	
PK.S.1 Sort and organize objects by one attribute (e.g., color, size, shape)	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Trade Book: <i>Apple Farmer Annie</i> Watch It Grow Center Card: "Sorting Seeds" Weather Watchers Center Card: "Sequence Game"	Let's Investigate! TG p. 65 Math: Color Sorting Sacks Under Construction TG p. 42 Learning Centers: Sorting Finny, Feathery, Furry Friends TG p. 69 Math: Color, Size, Shape Watch It Grow TG p. 42 Learning Centers: Sorting Seeds TG pp. 86–87 Whole Group: Math

PK.S.2 Use physical objects to make graphs	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Magnetic Counting Strips	Let's Investigate! TG p. 156 Math: More or Less TG p. 161 Math: A Living Graph Finny, Feathery, Furry Friends TG p. 93 Math: If You Were an Animal TG p. 112 Math: Favorite Wild Animals Weather Watchers TG p. 128 Math: 0 to 10 Floor Graph

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PK.S.3 Count and compare groups formed (quantify groups formed)	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Magnetic Math Board Magnetic Foam Numbers Magnetic Counting Strips Trade Book: <i>One-Dog Canoe</i> Finny, Feathery, Furry Friends Center Card: "How Many Dogs?"	Let's Investigate! TG p. 161 Math: A Living Graph Under Construction TG p. 128 Math: How Many? Healthy You TG p. 69 Math: Hide and Seek

PK.S.4 Describe the attributes of objects	
The InvestiGator Club Components	The InvestiGator Club Teacher Guide (TG)
Trade Book: <i>The Shape of Things</i> Investigation Flapboards and Flap Fillers Watch It Grow Center Card: "Sorting Seeds"	Let's Investigate! TG p. 139 Math: Match a Snack TG p. 200 Math: Long and Short Healthy You TG p. 42 Learning Centers: Geoboards Watch It Grow TG p. 42 Learning Centers: Sorting Seeds TG pp. 86–87 Whole Group: Math