



**Pennsylvania Learning Standards for Early Childhood Office of Child Development
and Early Learning Alignment to Starfall Second Edition Pre K 4 Curriculum**

Pennsylvania Department of Education and Department of Human Services

Pre-Kindergarten

APPROACHES TO LEARNING THROUGH PLAY

STANDARD AREA AL.1 Constructing and Gathering Knowledge

A. Curiosity and Initiative	AL.1 PK.A Explore and ask questions to seek meaningful information about a growing range of topics, ideas, and tasks.	Teacher's Guide p. 194 - Morning Meeting: The Five Senses Teacher's Guide p. 197- Small Group and Exploration Teacher's Guide p. 198 - Morning Meeting: Senses Walk Teacher's Guide p. 387 - Morning Meeting: Milk a Cow! Teacher's Guide p. 408 - Morning Meeting: Estimate Frog Hops Learning Centers - Daily
B. Risk-Taking	AL.1 PK.B Demonstrate a willingness to participate in new and challenging experiences.	Teacher's Guide p. 55 - The Friendship Ball Teacher's Guide p. 98 - Dramatize <i>Draw Dragon Dot Eyes</i> Teacher's Guide p. 334 - Measure Rockets Teacher's Guide p. 379 - If I Were A Farmer Learning Centers - Daily
C. Stages of Play	AL.1 PK.C Engage in complex play sequences with two or more children.	Teacher's Guide p. 263 - Dramatize <i>Goldilocks and the Three Bears</i> (previous lessons on pp. 248, 253, 257, 258) Teacher's Guide p. 176 - Partner Sharing: Community Helpers Dramatic Play Center: Daily Construction Play Center: Daily

		Seasonal Holidays Teacher's Guide p. 12 - Games Starfall Outdoor Activities Supplement: https://teach.starfall.com/lv/documents/teachers-lounge/pk-ed2-outdooractivities.pdf
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STANDARD AREA AL.2 Organizing and Understanding Information

A. Engagement and Attention	AL.2 PK.A Work toward completing a task, even if challenging, and despite interruptions.	Teacher's Guide p. 74 - Dramatize "Mr. Bunny's Carrot Soup" Teacher's Guide p. 323 - Construction Center Teacher's Guide p. 423 - Dramatic Play Center Teacher's Guide p. 472 - Art Center Teacher's Guide p. 548 - MathCenter
B. Task Analysis	AL.2 PK.B Independently break simple tasks into steps and complete them one at a time.	Teacher's Guide p. 244 - Math Center Teacher's Guide p. 304 - Small Group & Exploration Teacher's Guide p. 322 - Art Center Teacher's Guide p. 352 - Discovery Center Teacher's Guide p. 400 - Discovery Center
C. Persistence	AL.2 PK.C Attempt to accomplish challenging tasks by employing familiar and new strategies as needed.	Teacher's Guide p. 299 - Construction Center Teacher's Guide p. 423 - Dramatic Play Center Teacher's Guide p. 447 - Construction Center Teacher's Guide p. 481 - Small Group and Exploration Teacher's Guide p. 497 - Construction Center

STANDARD AREA AL.3 Applying Knowledge

A. Creativity	AL.3 PK.A Use music, art, and/or stories to express ideas, thoughts, and feelings.	Teacher's Guide p. 22 - Circle Time Teacher's Guide p. 68 - Morning Meeting - "The Ants Go Marching" Teacher's Guide p. 146 - "The Wheels on the Bus" Teacher's Guide p. 224 - Categorizing Healthy and Unhealthy Teacher's Guide p. 307 - Story Time
B. Invention	AL.3 PK.B Produce and explain the purpose for a new creation.	Teacher's Guide p. 135 - Construction Center Teacher's Guide p. 191 - Construction Center Teacher's Guide p. 243 - Writing Center Teacher's Guide p. 323 - Construction Center Teacher's Guide p. 423 - Construction Center

C. Representation	AL.3 PK.C Use materials and objects to represent new concepts.	Fall Holidays pp.12-13 - Apple Tree, Ants on an Apple Teacher's Guide p. 11 - Small Group & Exploration Teacher's Guide p. 109 - Dramatic Play Center Teacher's Guide p. 520 - Discovery Center Teacher's Guide p. 572 - Discovery Center
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STANDARD AREA AL.4 Learning through Experience

A. Making Connections	AL.4 PK.A Relate knowledge learned from one experience to a similar experience in a new setting.	Teacher's Guide p. 36 - Story Time Teacher's Guide p. 57 - Story Time Teacher's Guide p. 114 - Story Time Teacher's Guide p. 222 - Story Time Teacher's Guide p. 258 - Small Group & Exploration
B. Resiliency	AL.4 PK.B Recognize that everyone makes mistakes and that using positive coping skills can result in learning from the experience.	Teacher's Guide p. 56 - Circle Time: Class Rules Teacher's Guide p. 114 - Story Time Teacher's Guide pp. 200-201 - Story Time Teacher's Guide p. 257 - Story Time Teacher's Guide p. 427 - Story Time
C. Problem-Solving	AL.4 PK.C Attempt problem-solving activities to achieve a positive outcome.	Teacher's Guide p. 53 - Morning Meeting-Where is Gingerbread Boy? Teacher's Guide p. 135 - Construction Center Teacher's Guide p. 161 - Dramatic Play Center Teacher's Guide p. 352 - Discovery Center Teacher's Guide p. 520 - Discovery Center

LANGUAGE AND LITERACY DEVELOPMENT STANDARD AREA 1.1 Foundational Skills

A. Book Handling	1.1 PK.A Practice appropriate book-handling skills.	Teacher's Guide p. 10 - Story Time Teacher's Guide p. 18 - Story Time Teacher's Guide p. 80 - Library Center Teacher's Guide p. 108 - Library Center Teacher's Guide p. 134 - Library Center
B. Print Concepts	1.1 PK.B Identify basic features of print.	Teacher's Guide p. 70 - Story Time Teacher's Guide p. 299 - Library Center Teacher's Guide p.140 - Story Time Teacher's Guide p. 226 - Story Time Teacher's Guide p. 507 - Story Time
C. Phonological Awareness	1.1 PK.C Demonstrate understanding of spoken words, syllables, and sounds (phonemes).	Teacher's Guide p. 112 - Circle Time Teacher's Guide p. 113 - Introduce /b/ Teacher's Guide p. 139 - Circle Time Teacher's Guide p. 339 - Circle Time Teacher's Guide p. 354 - Circle Time Phonological Awareness: Daily
D. Phonics and Word Recognition	1.1 PK.D Develop beginning phonics and word skills.	Teacher's Guide pp. 117 - Circle Time Teacher's Guide p. 135 - Construction Center Teacher's Guide p. 135 - Writing Center Teacher's Guide p. 165 - Circle Time Teacher's Guide p. 198 - Gathering Teacher's Guide p. 548 - Writing Center
E. Fluency	EMERGING TO ... Read emergent reader text with purpose and understanding.	Teacher's Guide p. 518 - Library Center Teacher's Guide p. 546 - Library Center Teacher's Guide p. 548 - Writing Center Teacher's Guide p. 563 - Circle Time: Play "I Spy" Teacher's Guide p. 570 - Library Center

STANDARD AREA 1.2 Reading Informational Text (No D or H listed)

A. Key Ideas and Details—Main Idea	1.1 PK.A With prompting and support, retell key details of text that support a provided main idea.	Teacher's Guide p. 331 - tory Time Teacher's Guide pp. 383-384 - Morning Meeting: <i>The Story of Milk</i> Teacher's Guide p. 438 - Story Time Teacher's Guide p. 435 - Story Time Teacher's Guide p. 504 - Story Time
B. Key Ideas and Details—Text Analysis	1.1 PK.B Answer questions about a text.	Teacher's Guide p. 288 - Story Time Teacher's Guide p. 383-384 - Morning Meeting - <i>The Story of Milk</i> Teacher's Guide p. 331 - Story Time Teacher's Guide p. 438 - Story Time

		Teacher's Guide p. 504 - Story Time
C. Key Ideas and Details	1.2 PK.C With prompting and support, make connections between information in a text and personal experience.	Teacher's Guide p. 331 - Story Time Teacher's Guide p.166-167 - Story Time Teacher's Guide p. 220 - Morning Meeting: Let's Stay Healthy Teacher's Guide p. 227 - Morning Meeting: Let's Stay Healthy: Germs Teacher's Guide p. 403 - Story Time Teacher's Guide p. 432 - Story Time
E. Craft and Structure—Text Structure	1.1 PK.E Identify the front cover, back cover, and title page of a book.	Teacher's Guide p. 34 - Story Time Teacher's Guide p. 82 - Morning Meeting: <i>Let's Eat</i> Teacher's Guide p. 166 - Story Time Teacher's Guide p. 285 - Story Time Teacher's Guide p. 322 - Library Center
F. Craft and Structure—Vocabulary	1.2 PK.F With prompting and support, answer questions about unfamiliar words read aloud from a text.	Teacher's Guide p. 288 - Story Time Teacher's Guide p. 331 - Story Time Teacher's Guide p. 383-384 - Morning Meeting: The Story of Milk Teacher's Guide p. 438 - Story Time Teacher's Guide p. 504 - Story Time
G. Integration of Knowledge and Ideas—Diverse Media	1.2 PK.G With prompting and support, answer questions to connect illustrations to the written word.	Teacher's Guide pp. 90-91 - Morning Meeting-Introduce Blue and Purple Teacher's Guide p. 288 - Story Time Teacher's Guide p. 292 - Story Time Teacher's Guide p. 308 - Morning Meeting-Day/Night and Seasons Teacher's Guide p. 336 - Story Time Teacher's Guide p. 383-384 - Morning Meeting: The Story of Milk
I. Integration of Knowledge and Ideas—Analysis Across Texts	1.2 PK.I With prompting and support, identify basic similarities and differences between two texts read aloud on the same topic.	Teacher's Guide p. 416 - Story Time Teacher's Guide p. 438 - Story Time Teacher's Guide p. 447- Library Center Teacher's Guide p. 464 - Story Time Teacher's Guide p. 510 - Story Time
J. Vocabulary Acquisition and Use	1.2 PK.J Use new vocabulary and phrases acquired in conversations and being read to.	Teacher's Guide p. 288 - Story Time Teacher's Guide p. 405 - Morning Meeting-Compare and Contrast Habitats Teacher's Guide p. 416 - Story Time Teacher's Guide p. 425 - Morning Meeting-Introduce Birds Teacher's Guide p. 454 - Story Time

K. Vocabulary Acquisition and Use	1.2 PK.K With prompting and support, clarify unknown words or phrases read aloud.	Teacher's Guide p. 311 - Morning Meeting- Hibernation Teacher's Guide p. 329 - Morning Meeting: The Solar System Teacher's Guide p. 334 - Story Time Teacher's Guide p. 383-384 - Morning Meeting: The Story of Milk Teacher's Guide p. 438 - Story Time
L. Range of Reading	1.2 PK.L With prompting and support, actively engage in group reading activities with purpose and understanding.	Teacher's Guide p. 331 - Story Time Teacher's Guide p. 383-384 - Morning Meeting: The Story of Milk Teacher's Guide p. 441- Story Time Teacher's Guide p. 473, p. 504 - Morning Meeting: Big Machines, Story Time Teacher's Guide p. 504 - Story Time

STANDARD AREA 1.3 Reading Literature

A. Key Ideas and Details—Theme	1.3 PK.A With prompting and support, retell a familiar story in a sequence with picture support.	Teacher's Guide p. 25 - Story Time Teacher's Guide p. 74 - Story Time Teacher's Guide p. 151 - Story Time Teacher's Guide p. 243 - Story Time Teacher's Guide p. 388 - Story Time
B. Key Ideas and Details—Text Analysis	1.3 PK.B Answer questions about a particular story (who, what, how, when, and where).	Teacher's Guide pp. 172-173 - Story Time Teacher's Guide p. 196 - Story Time Teacher's Guide pp. 385-386 - Story Time Teacher's Guide p. 427 - Story Time Teacher's Guide p. 432 - Story Time
C. Key Ideas and Details—Literary Elements	1.3 PK.C With prompting and support, answer questions to identify characters, settings, and major events in a story.	Teacher's Guide p. 34 - Story Time Teacher's Guide p. 57 - Story Time Teacher's Guide p. 210 - Story Time Teacher's Guide p. 236 - Story Time Teacher's Guide p. 253 - Story Time
D. Craft and Structure—Point of View	1.3 PK.D With prompting and support, name the author and illustrator of a story.	Teacher's Guide p. 18 - Story Time Teacher's Guide p. 118 - Story Time Teacher's Guide p. 140 - Story Time Teacher's Guide pp. 174-175 - Story Time Teacher's Guide p. 181 - Story Time
E.	1.3 PK.E	Teacher's Guide pp. 12-13 - Morning Meeting: Starfall's Selected Nursery Rhymes

Craft and Structure—Text Structure	With prompting and support, recognize common types of text.	Teacher's Guide p. 114 - Story Time Teacher's Guide p. 166 - Story Time Teacher's Guide p. 222 - Story Time Teacher's Guide p. 288 - Story Time
F. Craft and Structure—Vocabulary	1.3 PK.F Answer questions about unfamiliar words read aloud from a story.	Teacher's Guide p. 118 - Story Time Teacher's Guide p. 355 - Story Time Teacher's Guide pp. 174-175 - Story Time Teacher's Guide p. 181 - Story Time Teacher's Guide p. 233 - Story Time
G. Integration of Knowledge and Ideas—Sources of Information	1.3 PK.G Describe pictures in books using detail.	Teacher's Guide p. 140 - Story Time Teacher's Guide p. 278 - Small Group & Exploration Teacher's Guide p. 379 - Story Time Teacher's Guide p. 526 - Story Time Time Teacher's Guide pp. 174-175 - Story Time
H. Integration of Knowledge and Ideas—Text Analysis	1.1 PK.H Answer questions to compare and contrast the adventures and experiences of characters in familiar stories.	Teacher's Guide p. 44 - Story Time Teacher's Guide p. 67 - Story Time Teacher's Guide p. 125 - Story Time Teacher's Guide p. 151 - Story Time Teacher's Guide p. 484 - Story Time
I. Vocabulary Acquisition and Use Strategies	1.3 PK.I With prompting and support, clarify unknown words or phrases read aloud.	Teacher's Guide p. 140 - Story Time Teacher's Guide p. 148 - Story Time Teacher's Guide p. 155 - Story Time Teacher's Guide p. 174 - Story Time Teacher's Guide p. 359 - Story Time

STANDARD AREA 1.4 Writing

A. Informative/Explanatory	1.4 PK.A Draw/dictate to compose informative/explanatory texts examining a topic.	Teacher's Guide p. 56 - Circle Time Teacher's Guide p. 171 - Small Group & Exploration Teacher's Guide p. 218 - Writing Center Teacher's Guide p. 273 - Writing Center Teacher's Guide p. 582 - Small Group & Exploration
B. Informative/Explanatory - Focus	1.4 PK.B With prompting and support, draw/dictate about one specific topic.	Teacher's Guide p. 118 - Small Group & Exploration Teacher's Guide p. 281 - Small Group & Exploration Teacher's Guide p. 285 - Story Time Teacher's Guide p. 325 - Morning Meeting: Class Story Teacher's Guide p. 351 - Writing Center
C.	1.4 PK.C	Teacher's Guide p. 135 - Writing Center

Informative/Explanatory – Organization	With prompting and support, generate ideas to convey information.	Teacher's Guide p. 171 - Small Group & Exploration Teacher's Guide p. 357 - Morning Meeting: Read the Pets Chart Teacher's Guide p. 379 - Small Group & Exploration Teacher's Guide p. 407 - Small Group & Exploration
D. Informative/Explanatory – Organization	1.4 PK.D With prompting and support, make logical connections between drawing and dictation.	Teacher's Guide p. 71 - Small Group & Exploration Teacher's Guide p. 148 - Small Group & Exploration Teacher's Guide p. 243 - Writing Center Teacher's Guide p. 258 - Small Group & Exploration Teacher's Guide p. 281 - Small Group & Exploration
F. Informative/Explanatory – Conventions of Language	EMERGING TO ... Spell simple words phonetically.	Teacher's Guide p. 243 - Writing Center Teacher's Guide p. 258 - Small Group & Exploration Teacher's Guide p. 273 - Writing Center Teacher's Guide p. 359 - Small Group & Exploration Teacher's Guide p. 375 - Writing Center
M. Narrative	1.4 PK.M Draw/dictate to compose informative/explanatory texts examining a topic.	Teacher's Guide p. 351 - Writing Center Teacher's Guide p. 353 - Morning Meeting: Pets Teacher's Guide p. 281 - Small Group & Exploration Teacher's Guide p. 379 - Small Group & Exploration Teacher's Guide p. 407 - Small Group & Exploration
N. Narrative – Focus	1.4 PK.N Establish “who” and “what” the narrative will be about.	Teacher's Guide p. 162 - Writing Center Teacher's Guide p. 285 - Story Time Teacher's Guide p. 307 - Small Group & Exploration Teacher's Guide p. 323 - Writing Center Teacher's Guide p. 375 - Writing Center
O. Narrative – Content	1.4 PK.O With prompting and support, describe experiences and events.	Seasonal Holidays Teacher's Guide p. 24 - Morning Meeting Share Photo Pages Teacher's Guide p. 118 - Small Group & Exploration Teacher's Guide p. 258 - Small Group & Exploration Teacher's Guide p. 335 - Morning Meeting- Class Story Teacher's Guide p. 351 - Writing Center

STANDARD AREA 1.5 Speaking and Listening

A. Comprehension and Collaboration – Collaborative Discussion	1.5 PK.A Participate in collaborative conversations with peers and adults in small and larger groups.	Teacher's Guide p. 14 - Story Time Teacher's Guide p. 116 - Morning Meeting: “Did Little Red Hen Do the Right Thing?”
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		Teacher's Guide p. 121 -Story Time: Little Red Hen Makes Pancakes Teacher's Guide pp. 176-177 - Morning Meeting: Partner Sharing Teacher's Guide pp. 200-201 - Story Time
B. Comprehension and Collaboration – Critical Listening	1.5 PK.B Answer questions about key details in a text read aloud or information presented orally or through other media.	Teacher's Guide p. 57 - Story Time Teacher's Guide p. 123 - Morning Meeting: The Farmer in the Dell Teacher's Guide pp. 144-145 - Story Time Teacher's Guide p. 427 - Story Time Teacher's Guide p. 537 - Story Time
C. Comprehension and Collaboration – Evaluation	1.5 PK.C Respond to what a speaker says to follow directions, seek help, or gather information.	Teacher's Guide pp. 55-56 - Morning Meeting - The Friendship Ball Teacher's Guide p. 64 - Morning Meeting Teacher's Guide p. 66 - Circle Time Teacher's Guide p. 17 - Circle Time Teacher's Guide p. 20 - Morning Meeting
D. Presentation of Knowledge and Ideas – Purpose, Audience, and Task	1.5 PK.D Use simple sentences; share stories, familiar experiences, and interests, speaking clearly enough to be understood by most audiences.	Teacher's Guide p. 70 - Story Time Teacher's Guide p. 126 - Morning Meeting: Sharing Family Illustrations Teacher's Guide p. 176 - Morning Meeting-Partner Sharing Teacher's Guide p. 179 - Morning Meeting: Share Chair Teacher's Guide p. 526 - Story Time
(Part 2)	1.5 PK.E Use simple sentences; express thoughts, feelings, and ideas, speaking clearly enough to be understood by most audiences.	Teacher's Guide p. 24 - Morning Meeting: Share Photo Pages Teacher's Guide p. 73 - Circle Time Teacher's Guide p. 197 - Small Group & Exploration Teacher's Guide pp. 200-201- Story Time Teacher's Guide p. 549 - Morning Meeting: Things We Can Do
G. Conventions of Standard English	1.5 PK.G Demonstrate command of the conventions of standard English when speaking, based on pre-kindergarten level and content.	Teacher's Guide p. 126 - Morning Meeting: Sharing Family Illustrations Teacher's Guide p. 179 - Morning Meeting: Share Chair Teacher's Guide p. 197 - Small Group & Exploration Teacher's Guide p. 255 - Morning Meeting- Safety Teacher's Guide p. 357 - Morning Meeting: Read <i>The Pets Chart</i>

MATHEMATICAL THINKING AND EXPRESSION

STANDARD AREA 2.1 Numbers and Operations

A.1 Counting and Cardinality – Cardinality	2.1 PK.A.1 Know number names and the count sequence.	Teacher's Guide p. 47 - Small Group Math Teacher's Guide p. 55 - Gathering Teacher's Guide p. 74 - Small Group Math Teacher's Guide p. 85 - Small Group & Exploration Teacher's Guide p. 119 - Morning Meeting: Warm Up Your Brain
A.2 Counting and Cardinality – Counting	2.1 PK.A.2 Count to tell the number of objects.	Teacher's Guide p. 41 - Small Group & Exploration Teacher's Guide p. 110 - Math Center Teacher's Guide p. 162 - Math Center Teacher's Guide p. 181 - Small Group Math Teacher's Guide p. 413 - Small Group & Exploration
A.3 Counting and Cardinality – Comparing	2.1 PK.A.3 Compare numbers.	Teacher's Guide p. 38 - Morning Meeting: Analyze the Spice Graph Teacher's Guide p. 92 - Small Group & Exploration Teacher's Guide p. 364 - Circle Time: Review Teacher's Guide p. 386 - Small Group & Exploration Teacher's Guide p. 416 - Small Group Math
MP Counting and Cardinality – Mathematical Processes	2.1 PK.MP Use mathematical processes when quantifying, comparing, representing, and modeling numbers.	Teacher's Guide p. 39 - Circle Time Teacher's Guide p. 92 - Small Group & Exploration Teacher's Guide p. 136 - Math Center Teacher's Guide p. 411 - Morning Meeting: Count Wild Animals Teacher's Guide p. 413 - Small Group & Exploration

STANDARD AREA 2.2 Algebraic Concepts

A.1 Operations and Algebraic Thinking	2.2 PK.A.1 Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.	Teacher's Guide p. 223 - Small Group & Exploration Teacher's Guide p. 368 - Small Group Math Teacher's Guide pp. 392-393 - Small Group Math Teacher's Guide p. 404 - Small Group & Exploration Teacher's Guide p. 490 - Small Group Math
MP Operations and Algebraic Thinking – Mathematical Processes	2.2 PK.MP Use mathematical processes when representing relationships.	Teacher's Guide p. 162 - Math Center Teacher's Guide p. 523 - Small Group and Exploration Teacher's Guide p. 548 - Math Center Teacher's Guide p. 562 - Morning Meeting- Learn About Pennies and Nickels Teacher's Guide p. 564 - Small Group Math

STANDARD AREA 2.3 Geometry

A.1 Geometry – Identification	2.3 PK.A.1 Identify and describe shapes.	Teacher's Guide p. 43 - Compare Shapes Teacher's Guide p. 44 - Small Group & Exploration Teacher's Guide p. 69 - Circle Time Teacher's Guide p. 481 - Small Group & Exploration Teacher's Guide p. 535 - Morning Meeting: Shape Game
A.2 Geometry – Application	2.3 PK.A.2 Analyze, compare, create, and compose shapes.	Teacher's Guide p. 43 - Circle Time Teacher's Guide p. 69 - Circle Time Teacher's Guide p. 115 - Small Group & Exploration Teacher's Guide p. 474 - Math Center Teacher's Guide p. 537 - Small Group Math
MP Geometry – Mathematical Processes	2.3 PK.MP Use mathematical processes when drawing, constructing, modeling, and representing shapes.	Teacher's Guide p. 135 - Construction Center Teacher's Guide p. 337 - Small Group & Exploration Teacher's Guide p. 237 - Small Group Math Teacher's Guide p. 484 - Small Group & Exploration Teacher's Guide p. 579 - Small Group & Exploration

STANDARD AREA 2.4 Measurement, Data, and Probability

A.1 Measurement and Data – Measurement	2.4 PK.A.1 Describe and compare measurable attributes of length and weights of everyday objects.	Teacher's Guide p. 376 - Math Center Teacher's Guide p. 386 - Small Group & Exploration Teacher's Guide p. 389 - Small Group & Exploration Teacher's Guide p. 478 - Small Group & Exploration Teacher's Guide p. 547 - Construction Center
A.4 Measurement and Data – Data	2.4 PK.A.4 Classify objects and count the number of objects in each category.	Teacher's Guide p. 95 - Story Time Teacher's Guide p. 413 - Small Group & Exploration Teacher's Guide p. 498 - Math Center Teacher's Guide p. 548 - Math Center Teacher's Guide p. 558 - Small Group & Exploration
MP Measurement and Data – Mathematical Processes	2.4 PK.MP Use mathematical processes when measuring; representing, organizing, and understanding data.	Teacher's Guide pp. 37-38 - Morning Meeting-Analyze Spice Graph Teacher's Guide p. 92 - Small Group & Exploration Teacher's Guide p. 116 - Morning Meeting: "Did the Little Red Hen Do the Right Thing?" Teacher's Guide p. 387 - Morning Meeting: Milk a Cow! Teacher's Guide p. 400 - Math Center

SCIENTIFIC THINKING AND TECHNOLOGY
STANDARD AREA 3.1 Biological Sciences
Living and Nonliving Organisms

1. Common Characteristics of Life	3.1 PK.A.1 Recognize the difference between living and nonliving things.	Teacher's Guide p. 546 - Art Center Teacher's Guide p. 548 - Discovery Center Teacher's Guide pp. 555-556 - Morning Teacher's Guide p. 559 - Morning Meeting: Determine Living and Nonliving Meeting: Characteristics of Living Things Teacher's Guide p. 563 - Story Time
2. Energy Flow	3.1 PK.A.2 Identify basic needs of plants (water and light) and animals (food, water, and light).	Teacher's Guide p. 551 - Story Time Teacher's Guide p. 573 - Morning Meeting-Seeds Teacher's Guide p. 576 - Morning Meeting- Miss MacDonald Teacher's Guide p. 575 - Small Group & Exploration Teacher's Guide p. 578 - Story Time
3. Life Cycles	3.1 PK.A.3 Recognize that plants and animals grow and change.	Teacher's Guide p. 551 - Small Group & Exploration Teacher's Guide p. 552 - Morning Meeting: Learn About Life Cycles Teacher's Guide p. 554 - Small Group & Exploration Teacher's Guide pp. 555-556 - Morning Meeting: Characteristics of Living Things Teacher's Guide p. 597 - Morning Meeting: Growing and Changing
5. Form and Function	3.1 PK.A.5 Name basic parts of living things.	Teacher's Guide pp. 555-556 - Morning Meeting: Characteristics of Living Things Teacher's Guide p. 575 - Plant Seeds Teacher's Guide p. 578 - Story Time Teacher's Guide p. 580 - Morning Meeting: Carrot Experiment Teacher's Guide p. 600 - Morning Meeting: Butterfly Life Cycle
9. Science as Inquiry	3.1 PK.A.9 Participate in simple investigations about living and/or non-living things to answer a question or to test a prediction.	Teacher's Guide p. 555 - Morning Meeting: Characteristics of Living Things Teacher's Guide p. 572 - Discovery Center Teacher's Guide p. 575 - Plant Seeds

		Teacher's Guide p. 576 - Morning Meeting: Miss MacDonald Teacher's Guide p. 580 - Morning Meeting: Carrot Experiment
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STANDARD AREA 3.1 Biological Sciences

A. Genetics

B. 1. C. Heredity	3.1 PK.B.1 Recognize and compare physical characteristics of living things from the same species.	Teacher's Guide p. 425 - Morning Meeting-Introduce Birds Teacher's Guide p.433 - Morning Meeting: Introduce Ocean Animals Teacher's Guide p. 438 - Story Time Teacher's Guide p. 353 - Morning Meeting: Pets Teacher's Guide p. 357 - Morning Meeting: Read the Pets Chart
6. Science as Inquiry	3.1 PK.B.6 Participate in simple investigations of physical characteristics of living things from same species to answer a question or to test a prediction.	Teacher's Guide p. 387 - Morning Meeting: Milk a Cow! Teacher's Guide p. 448 - Discovery Center Teacher's Guide pp. 449-450 - Morning Meeting: Introduce Dinosaurs Teacher's Guide p. 456 - Morning Meeting: Fossils Teacher's Guide p. 600 - Morning Meeting

STANDARD AREA 3.1 Biological Sciences

C. Evolution

3. Unifying Themes (Constancy and Change)	3.1 PK.C.3 Describe changes that occur in animals.	Teacher's Guide p. 597 - Morning Meeting: Growing and Changing Teacher's Guide p. 600 - Morning Meeting: Butterfly Life Cycle Teacher's Guide p. 427 - Story Time: The Ugly Duckling Teacher's Guide p. 600 - Morning Meeting Teacher's Guide p. 624- Small Group & Exploration
4. Science as Inquiry	3.1 PK.C.4 Participate in simple investigations of changes in animals to answer a question or to test a prediction.	Teacher's Guide p. 605- Story Time Teacher's Guide p. 606 - Morning Meeting: Look What We've Learned! Teacher's Guide p. 600 - Morning Meeting: Butterfly Life Cycle Teacher's Guide p. 608 - Story Time

		Teacher's Guide p. 624 - Small Group & Exploration
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STANDARD AREA 3.2 Physical Sciences

B. Physics

1. Force and Motion of Practices and Rigid Bodies	3.2 PK.B.1 Explore and describe the motion of toys and objects.	Teacher's Guide p. 473 - Construction Center Teacher's Guide p. 478 - Small Group & Exploration Teacher's Guide p. 498 - Discovery Center Teacher's Guide p. 405 - Morning Meeting: Big Machines Teacher's Guide p. 507 - Small Group & Exploration
5. Nature of Waves (Sound and Light Energy)	3.2 PK.B.5 Create and describe variations of sound.	Seasonal Holidays Teacher's Guide p. 34 -Winter Holidays/Black History Month Seasonal Holidays Teacher's Guide p. 39 -Spring Holidays/Rain Sticks Seasonal Holidays Teacher's Guide p. 50 Spring Holidays/Maracas Teacher's Guide pp. 198-199 - Morning Meeting: Senses Walk
6. Unifying Themes (Energy)	3.2 PK.B.6 Recognize that light from the sun is an important source of energy for living and nonliving systems and some source of energy is needed for all organisms to stay alive and grow.	Teacher's Guide p. 40 - Spring Holidays-Solar Oven Teacher's Guide p. 302 - Morning Meeting: Day and Night Teacher's Guide p. 307 - Morning Meeting - Stars and Constellations Teacher's Guide p. 326 - Morning Meeting: Introduce Earth Teacher's Guide p. 329 - Morning Meeting: The Solar System
7. Science as Inquiry	3.2 PK.B.7 Participate in simple investigations of energy and motion to answer a question or to test a prediction.	Teacher's Guide p. 286 - Morning Meeting: "Will the Wind Blow?" Graph Teacher's Guide p. 478 - Small Group & Exploration Teacher's Guide p. 498 - Discovery Center Teacher's Guide p. 505 - Morning Meeting:Big Machines Teacher's Guide p. 508 - Morning Meeting:Estimate Rolling Speed

STANDARD AREA 3.3 Earth and Space Sciences
A. Earth Structures, Processes, and Cycles

1. Earth Features and the Processes that Change Them	3.3 PK.A.1 Sort different types of earth materials.	Seasonal Holidays Teacher's Guide p.6 - Fall Holidays-Leaf Sorting Seasonal Holidays Teacher's Guide p. 47 - Spring Holidays-Recycling Activities Teacher's Guide p. 548 - Math Center Teacher's Guide p. 583 - Fruits and Vegetables Teacher's Guide p. 630 - Small Group & Exploration
4. Water	3.3 PK.A.4 Identify a variety of uses for water.	Teacher's Guide pp. 231-232 - Morning Meeting: Let's Stay Healthy - Sleep and Water Teacher's Guide p. 376 - Discovery Center Teacher's Guide p. 427 - Story Time Teacher's Guide p. 436 - Morning Meeting: Ocean Mural Teacher's Guide p. 578- Story Time
5. Weather and Climate	3.3. PK.A.5 Identify seasons that correspond with observable conditions and identify how weather affects daily life.	Seasonal Holidays Teacher's Guide p. 39 - Spring Holidays-Four Seasons Teacher's Guide p. 273 - Writing Center Teacher's Guide pp. 275-276 - Morning Meeting: Introduce Weather Teacher's Guide p. 277 - Story Time Teacher's Guide p. 288 - Small Group & Exploration
7. Science as Inquiry	3.3 PK.A.7 Participate in simple investigations of earth structures, processes, and cycles to answer a question or to test a prediction.	Teacher's Guide p. 279 - Morning Meeting: How Clouds Are Formed Teacher's Guide p. 283 - Morning Meeting: Weather: Cause and Effect Teacher's Guide pp. 308-309 - Morning Meeting-Day and Night Teacher's Guide p. 314 - Morning Meeting: My Favorite Season Chart Teacher's Guide p. 302 - Morning Meeting: Day and Night

STANDARD AREA 3.3 Earth and Space Sciences

B. Origin and Evolution of the Universe

1. Comparisons and Structure	3.3 PK.B.1 Identify objects that can be found in the day or night sky.	Teacher's Guide p. 302 - Morning Meeting: Day and Night Teacher's Guide p. 308 - Morning Meeting: Day/Night and Seasons Teacher's Guide p. 327 - Story Time Teacher's Guide p. 329 - Morning Meeting-The Solar System Teacher's Guide p. 331 - Story Time
3. Science as Inquiry	3.3 PK.B.3 Participate in simple investigations of the objects found in the day or night sky to answer a question or to test a prediction.	Teacher's Guide p. 302 - Morning Meeting: Day and Night Teacher's Guide p. 325 - Morning Meeting: Introduce Earth Teacher's Guide p. 329 - Morning Meeting: The Solar System Teacher's Guide p. 331- Story Time Teacher's Guide p. 328 - Small Group & Exploration

Environment and Ecology STANDARD AREA 4.1 – Ecology

A. The Environment	4.1 PK.A Identify living and nonliving things in the immediate and surrounding environment.	Teacher's Guide p. 546 - Art Center Teacher's Guide p. 548 - Discovery Center Teacher's Guide p. 555-556 - Morning Meeting: Characteristics of Living Things Teacher's Guide p. 559 - Morning Meeting: Determine Living and Nonliving Teacher's Guide p. 563 - Story Time
C. Energy Flow	4.1 PK.C Identify that plants need the sun to grow.	Teacher's Guide p. 573 - Morning Meeting: Seeds Teacher's Guide p. 575 - Small Group & Exploration Teacher's Guide p. 576 - Morning Meeting-Miss MacDonald Teacher's Guide p. 580 - Morning Meeting: Carrot Experiment Teacher's Guide p. 583 - Small Group & Exploration
D. Biodiversity	4.1 PK.D Identify basic needs of living things.	Teacher's Guide p. 555 - Morning Meeting: Characteristics of Living Things Teacher's Guide p. 559 - Morning Meeting: Determine Living and Nonliving

		Teacher's Guide p. 573 - Morning Meeting: Seeds Teacher's Guide p. 575 - Small Group & Exploration Teacher's Guide p. 580 - Morning Meeting: Carrot Experiment
E. Succession	4.1 PK.E Identify the change of seasons in the environment.	Seasonal Holidays Teacher's Guide p. 39 - Spring Holidays: Four Seasons Teacher's Guide p. 299 - Dramatic Play Center Teacher's Guide pp. 308-309 - Morning Meeting: Patterns/Story Time -Autumn Teacher's Guide p. 310 - Story Time Teacher's Guide p. 314 - Morning Meeting: "My Favorite Season" Chart

Environment and Ecology

STANDARD AREA 4.2 – Watersheds and Wetlands

A. Watersheds	4.2 PK.A Identify various types of moving water in Pennsylvania.	Teacher's Guide p. 376 - Discovery Center Teacher's Guide p. 407 - Small Group & Exploration Teacher's Guide p. 423 - Library Center Teacher's Guide p. 427 - Story Time Week 17 - Discusses various water sources. The curriculum offers opportunities to substitute stories/activities such as: Including books in Library Center & Discovery Center during study of moving water in PA.
B. Wetlands	4.2 PK.B Identify a wetland as an ecosystem in Pennsylvania.	Teacher's Guide p. 407 - Small Group & Exploration Teacher's Guide p. 427 - Story Time Teacher's Guide p. 432 - Story Time Week 17 - Discusses various water sources. The curriculum offers opportunities to substitute stories/activities such as: Including books in Library Center & Discovery Center during study of moving water in PA.
C. Aquatic Ecosystem	4.2 PK.C Describe an aquatic (water) and terrestrial (land) habitat.	Teacher's Guide p. 376 - Discovery Center Teacher's Guide p. 433 - Morning Meeting: Introduce Ocean Animals

		Teacher's Guide p. 436 - Morning Meeting: Ocean Mural Teacher's Guide p. 439 - Morning Meeting: Down By the Bay Teacher's Guide p. 441 - Story Time
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Environment and Ecology
STANDARD AREA 4.3 – Natural Resources

A. Use of Natural Resources	4.3 PK.A Identify how the environment provides for the needs of people in their daily lives.	Teacher's Guide pp. 231-232 - Morning Meeting: Let's Stay Healthy - Sleep and Water Teacher's Guide p. 281 - Small Group & Exploration Teacher's Guide p. 285 - Story Time Teacher's Guide p. 405 - Morning Meeting: Compare and Contrast Habitats Teacher's Guide p. 583 - Morning Meeting: Fruits and Vegetables
B. Availability of Natural Resources	4.3 PK.B Identify natural resources available to people in their daily lives.	Teacher's Guide 231-232 - Morning Meeting: Let's Stay Healthy - Sleep and Water Teacher's Guide p. 332 - Morning Meeting: Stars and Constellations Teacher's Guide p. 573 - Morning Meeting: Seeds Teacher's Guide p. 582 - Story Time Teacher's Guide p. 583 - Morning Meeting: Fruits and Vegetables

Environment and Ecology
STANDARD AREA 4.4 – Agriculture and Society

A. Food and Fiber Systems	4.4 PK.A Identify what plants and animals need to grow.	Teacher's Guide p. 549 - Morning Meeting: Things We Can Do Teacher's Guide p. 555 - Morning Meeting: Characteristics of Living Things Teacher's Guide p. 559 - Morning Meeting: Determine Living and Nonliving Teacher's Guide p. 573 - Morning Meeting: Seeds
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		Teacher's Guide p. 575 - Small Group & Exploration
C. Applying Sciences to Agriculture	4.4 PK.C Recognize that plants and animals grow and change.	Teacher's Guide p. 549 - Morning Meeting: Things We Do Teacher's Guide p. 552 - Morning Meeting: Learn About Life Cycles Teacher's Guide p. 555 - Morning Meeting: Characteristics of Living Things Teacher's Guide p. 554 - Small Group & Exploration Teacher's Guide p. 597 - Morning Meeting: Growing and Changing
D. Technology Influences on Agriculture	4.4 PK.D Identify basic tools used in gardening at home and at school.	Teacher's Guide p. 136 - Discovery Center Teacher's Guide p. 499 - Morning Meeting: Build a House Teacher's Guide p. 505 - Morning Meeting: Big Machines Teacher's Guide p. 572 - Discovery Center Teacher's Guide p. 575 - Small Group & Exploration

Environment and Ecology

STANDARD AREA 4.5 – Humans and the Environment

A. Sustainability	4.5 PK.A Identify what people need to survive.	Teacher's Guide p. 224 - Morning Meeting: Categorizing Healthy and Unhealthy Teacher's Guide pp. 219-220 - Morning Meeting: Let's Stay Healthy Teacher's Guide p. 231 - Morning Meeting: Sleep and Water Teacher's Guide p. 559 - Morning Meeting: Determine Living and Nonliving Teacher's Guide p. 563 - Story Time
B. Integrated Pest Management	4.5 OT.B Communicate about insects and animals that can be harmful.	Teacher's Guide p. 242 - Library Center Teacher's Guide p. 353 - Morning Meeting: Pets Teacher's Guide p. 357 - Morning Meeting: Read the "Pets" Chart Teacher's Guide p. 383 - Morning Meeting: "Bees" Teacher's Guide p. 401 - Morning Meeting-Wild Animals
C. Pollution	4.5 PK.C Identify ways people pollute the environment.	Seasonal Holidays Teacher's Guide p. 46 - Spring Holidays/Earth Day-Pollution Pond Teacher's Guide p. 243 - Dramatic Play Center

		Teacher's Guide p. 436 - Morning Meeting: Ocean Mural Seasonal Holidays Teacher's Guide p. 46 - Spring Holidays/Starfall.com: Every Day is Earth Day Teacher's Guide p. 433 - Morning Meeting: Introduce Ocean Animals Teacher's Guide p. 435 - Story Time
D. Waste Management	4.5 PK.D Describe how everyday human activities generate waste.	Seasonal Holidays Teacher's Guide p. 46 - Spring Holidays-Pollution Pond Seasonal Holidays Teacher's Guide p. 46 - Spring Holidays/Starfall Online: Every Day is Earth Day Seasonal Holidays Teacher's Guide p. 47 - Litter Bags, Sorting Cans, Recycling Activities Mural Teacher's Guide p. 228 - Morning Meeting: Let's Stay Healthy: Germs Snack Supplement - https://teach.starfall.com/lv/documents/teachers-lo unge/pk-ed2-snacksuggestions.pdf

STANDARD AREA 15.4 Computer and Information Technology

A. Influence of Emerging Technologies	15.4 PK.A Identify various technologies used in the classroom and at home.	Teacher's Guide p. 52 - Computer Center Teacher's Guide p. 80 - Computer Center Teacher's Guide p. 160 - Computer Center Teacher's Guide p. 191 - Library Center Teacher's Guide p. 243 - Construction Center
B. Digital Citizenship	15.4 PK.B Demonstrate responsible use of technology and equipment.	Teacher's Guide p. 80 - Computer Center Teacher's Guide p. 108 - Computer Center Teacher's Guide p. 242 - Computer Center Teacher's Guide p. 299 - Library Center Teacher's Guide p. 322 - Computer Center
C. Hardware	15.4 PK.C With prompting and support, identify peripheral devices of computer system including input and output devices.	Teacher's Guide p. 52 - Computer Center Teacher's Guide p. 80 - Computer Center Teacher's Guide p. 108 - Computer Center Teacher's Guide p. 272 - Computer Center Teacher's Guide p. 298 - Computer Center
D. Input Technologies	15.4 PK.D	Teacher's Guide p. 52 - Computer Center Teacher's Guide p. 108 - Computer Center

	Demonstrate the correct use of simple input technologies. (e.g., mouse, touchscreen, microphone, etc.).	Teacher's Guide p. 322 - Computer Center Teacher's Guide p. 374 - Computer Center Teacher's Guide p. 422 - Computer Center
G. Software/Applications	15.4 PK.G With help and support, select and use various software/applications for an intended purpose.	Teacher's Guide p. 160 - Computer Center Teacher's Guide p. 422 - Computer Center Teacher's Guide p. 446 - Computer Center Teacher's Guide p. 496 - Computer Center Teacher's Guide p. 546 - Computer Center
K. Digital Media	15.4 PK.K With help and support, identify similarities and differences between text, graphics, audio, animation, and video.	Teacher's Guide p. 472 - Computer Center Teacher's Guide p. 518 - Computer Center Teacher's Guide p. 570 - Computer Center Teacher's Guide p. 594 - Computer Center Teacher's Guide p. 616 - Computer Center

SOCIAL STUDIES THINKING

Civics and Government

STANDARD AREA 5.1 – Principles and Documents of Government

A. Rule of Law	5.1 PK.A State rules and their consequences.	Teacher's Guide p. 56 - Circle Time Teacher's Guide p. 61 - Circle Time Teacher's Guide p. 72 - Morning Meeting-Review Rules Teacher's Guide pp. 245-246 - Morning Meeting: Safety: Inside School and on the Playground Teacher's Guide pp. 250-251 - Morning Meeting: Safety - Taking a Walk, In a Car, and Wheels, Wheels, Wheels
F. Symbols	5.1 PK.F Identify basic American symbols. (e.g., American flag)	<i>Starfall.com</i> : Talking Library (Nonfiction): I Am Your Flag <i>Starfall.com</i> : Talking Library (Fiction & Poetry): America the Beautiful Teacher's Guide p. 8 - Gathering Teacher's Guide p. 16 - Gathering Teacher's Guide p. 24 - Gathering

Civics and Government

STANDARD AREA 5.2 – Rights and Responsibilities of Citizenship

A. Civic Rights and Responsibilities	5.2 PK.A Identify self-membership of a group such as the class or family.	Teacher's Guide p. 12 - Gathering Teacher's Guide p. 58 - Small Group & Exploration Teacher's Guide p. 59 - Morning Meeting Teacher's Guide p. 70 - Friends Teacher's Guide p. 118 - Small Group & Exploration
B. Conflict and Resolution	5.2 PK.B Identify a problem and discuss possible solutions with adult assistance.	Teacher's Guide pp. 116-117 - Morning Meeting: "Did the Little Red Hen Do the Right Thing?" Teacher's Guide pp. 119-120 - Morning Meeting -Helping Your Family Teacher's Guide p. 169 - Morning Meeting - Dialing 911 Teacher's Guide p. 200-201 - Story Time Teacher's Guide pp. 245-246 - Morning Meeting: Safety - Inside School and on the Playground
C. Leadership and Public Service	<i>EMERGING TO ...</i> Identify classroom projects/activities that support leadership and service.	Seasonal Holidays Teacher's Guide p. 15 -Fall Holidays-Treat a Nursing Home) Seasonal Holidays Teacher's Guide p. 34 - Winter Holidays: Be an Inventor Teacher's Guide p. 161- Dramatic Play Center Teacher's Guide p. 171 - Small Group & Exploration Teacher's Guide p. 519 - Dramatic Play Center

Civics and Government

STANDARD AREA 5.3 – How Government Works

C. Government Services	5.3 PK.C Identify community workers through their uniforms and equipment.	Teacher's Guide p. 162 - Writing Center Teacher's Guide p. 164 - Morning Meeting: Firefighters Teacher's Guide pp. 166-167 - Story Time Teacher's Guide p. 171 - Small Group & Exploration Teacher's Guide p. 217 - Dramatic Play Center
F. Conflict and the Court System	5.3 PK.F Identify appropriate behaviors for responsible classroom citizens.	Teacher's Guide p. 9 - Learning Centers Teacher's Guide p. 56 - Circle Time Teacher's Guide p. 61 - Circle Time Teacher's Guide pp. 70-71 - Story Time Teacher's Guide p. 73 - Circle Time

Economics

STANDARD AREA 6.1 – Scarcity and Choice

A. Scarcity and Choice	<i>EMERGING TO ...</i>	Teacher's Guide p. 135 - Dramatic Play Teacher's Guide p. 140 - Story Time
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	Identify how scarcity influences choice.	Teacher's Guide p. 141 - Small Group & Exploration Teacher's Guide pp. 142-143 - Morning Meeting: Where We Live Teacher's Guide p. 477 - Story Time
B. Limited Resources	<i>EMERGING TO ...</i> Identify family wants and needs.	Teacher's Guide p. 118 - Small Group & Exploration Teacher's Guide pp. 119 - Morning Meeting: Helping Your Family Teacher's Guide p. 141 - Small Group & Exploration Teacher's Guide p. 383 - Morning Meeting: <i>The Story of Milk</i> Teacher's Guide p. 405 - morning Meeting: Compare and Contrast Habitats
D. Incentives and Choice	6.1 PK.D Identify a choice based on individual interest.	Teacher's Guide p. 299 - Dramatic Play Teacher's Guide p. 359 - Small Group & Exploration Teacher's Guide p. 586 - Morning Meeting: Graph Favorite Fruits & Vegetables Teacher's Guide p. 115 - Small Group & Exploration Teacher's Guide p. 277 - Story Time

Economics

STANDARD AREA 6.2 – Markets and Economic Systems

C. Advertising and Media	<i>EMERGING TO ...</i> Identify advertisements that encourage us to buy things.	Teacher's Guide p. 135 - Dramatic Play Center Teacher's Guide p. 141 - Small Group & Exploration Teacher's Guide p. 217 - Dramatic Play (magazines) Teacher's Guide p. 243 - Dramatic Play Center Teacher's Guide p. 497 - Dramatic Play Center
D. Price Determination	6.2 PK.D Explain how money is used.	Teacher's Guide p. 109 - Dramatic Play Teacher's Guide p. 135 - Dramatic Play Center Teacher's Guide p. 141 - Small Group & Exploration Teacher's Guide p. 172 - Morning Meeting: "Cobbler, Cobbler, Mend My Shoe" Teacher's Guide p. 243 - Dramatic Play Center

Economics

STANDARD AREA 6.3 – Functions of Government

D.	6.3 PK.D	Seasonal Holidays Teacher's Guide pp. 10-17 - Fall Holidays-Apples & Harvest)
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Government's Role in International Trade	Identify products produced locally.	Teacher's Guide p. 63 - Small Group & Exploration Teacher's Guide p. 82 - Morning Meeting: <i>Let's Eat</i> Teacher's Guide p. 109 - Dramatic Play Teacher's Guide p. 383 - Morning Meeting: <i>The Story of Milk</i> Teacher's Guide p. 586 - Morning Meeting: Fruits & Vegetables
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Economics

STANDARD AREA 6.5 – Income, Profit, and Wealth

A. Factors Influencing Wages	6.5 PK. A Differentiate between work and play.	Teacher's Guide p. 9- Learning Centers Teacher's Guide p. 118 - Small Group & Exploration Teacher's Guide pp. 119-120 - Morning Meeting: Helping Your Family Teacher's Guide p. 164 - Morning Meeting: Fire Fighters Teacher's Guide pp. 176-177 - Morning Meeting: Community Helpers
C. Types of Business	6.5 PK.C Identify local businesses.	Teacher's Guide p. 135 - Dramatic Play Center Teacher's Guide p. 135 - Construction Center Teacher's Guide pp. 137-138 - Morning Meeting: Neighbors and Community Teacher's Guide p. 141 - Small Group & Exploration Teacher's Guide pp. 152-153 - Morning Meeting: vehicles and Buildings

Geography

STANDARD AREA 7.1 – Basic Geographic Literacy

A. Geographic Tools	7.1 PK.A Explain how a map is a representation of places.	Seasonal Holidays Teacher's Guide p. 44 - Spring Holidays-Finding Ireland Teacher's Guide pp. 84-85 - Story Time Teacher's Guide p. 115 - Small Group & Exploration Teacher's Guide p. 160 - Art Center Teacher's Guide p. 273 - Dramatic Play Center Teacher's Guide p. 328 - Small Group & Exploration
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B. Location of Places and Regions	<i>EMERGING TO ...</i> Describe the location of places in the home, school, and community to gain an understanding of relative location.	Teacher's Guide p. 35 - Morning Meeting: Where is Gingerbread Boy? Teacher's Guide p. 35 - Morning Meeting: Where is Gingerbread Boy? Teacher's Guide p. 36 - Circle Time Teacher's Guide p. 135 - Writing Center Teacher's Guide pp. 137-138 - Morning Meeting: Introduce Neighbors and Community Teacher's Guide pp. 142-143 - Morning Meeting: Where We Live
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Geography

STANDARD AREA 7.2 – Physical Characteristics of Places and Regions

A. Physical Characteristics	7.2 PK.A Describe the characteristics of home and frequently visited locations to gain an understanding of physical features.	Teacher's Guide p. 53 -Dramatic Play Center Teacher's Guide p. 123 - Morning Meeting: "The Farmer in the Dell" Teacher's Guide pp. 137-138 - Morning Meeting: Introduce Neighbors and Community Teacher's Guide pp. 142-143 - Morning Meeting: Where We Live Teacher's Guide p. 243 - Writing Center
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STANDARD AREA 8.1 – Historical Analysis and Skills Development

A. Continuity and Change over Time	8.1 PK.A Identify a sequence of events through a day.	Teacher's Guide p. 8 - Gathering Teacher's Guide p. 9 - Learning Centers Teacher's Guide p. 24 - Gathering Teacher's Guide p. 88 - Story Time Teacher's Guide pp. 301-302 - Morning Meeting-Patterns: Day/Night and Seasons
C. Research	8.1 PK.C Understand that information comes from many sources such as books, computers, and newspapers.	Teacher's Guide p. 292 - Story Time Teacher's Guide p. 374 - Computer Center Teacher's Guide p.425 - Morning Meeting: Introduce Birds Teacher's Guide p. 340 - Story Time Teacher's Guide p. 595 - Library Center

CREATIVE THINKING AND EXPRESSION

STANDARD AREA 9.1.M Production and Performance – Music and Movement

A. Elements and Principles	9.1.M PK.A Know and use basic elements and principles of music and movement.	Seasonal Holidays Teacher's Guide p. 34 - Winter Holidays-African Music Seasonal Holidays Teacher's Guide p. 24 - Musical Hibernation Game Teacher's Guide p.137 - Morning Meeting: Warm Up Your Brain Teacher's Guide p. 193 - Morning Meeting: Warm Up Your Brain Teacher's Guide p. 451 - Story Time
B. Demonstration	9.1.M PK.B Respond to different types of music and dance through participation and discussion.	Seasonal Holidays Teacher's Guide p. 7 - Fall Holidays-Leaf Dancing Teacher's Guide p. 137 - Morning Meeting: Warm Up Your Brain Teacher's Guide p. 198 - Morning Meeting: Warm Up Your Brain Teacher's Guide p. 202 - Morning Meeting: Looby Loo, Pair-Pair Patch Teacher's Guide p. 439 - Morning Meeting: "Down by the Bay" <i>Starfall.com: It's Fun to Read (Music)</i>
E. Representation	9.1.M PK.E Use imagination and creativity to express self through music and dance.	Seasonal Holidays Teacher's Guide p. 24 - Winter Holidays-Musical Hibernation Seasonal Holidays Teacher's Guide p. 26 - Winter Holidays: Chinese Ribbon Dance Teacher's Guide p. 119 - Morning Meeting: Warm Up Your Brain Teacher's Guide p. 307 - Story Time Teacher's Guide p. 451 - Story Time
J. Technologies	9.1.M PK.J Use a variety of technologies for producing or performing works of art.	Teacher's Guide p. 11 - Small Group & Exploration Teacher's Guide p. 322 - Art Center Teacher's Guide p. 398 - Art Center Teacher's Guide p. 423 - Dramatic Play Center Teacher's Guide p. 455 - Small Group & Exploration

STANDARD AREA 9.1.D Production and Performance – Dramatic and Performance Play

B. Demonstration	9.1.D PK.B Recreate a dramatic play experience for an audience.	Teacher's Guide p. 74 - Story Time Teacher's Guide p. 236 - Story Time Teacher's Guide p. 263 - Story Time Teacher's Guide p. 273 - Dramatic Play Center Teacher's Guide p. 423 - Dramatic Play Center
E. Representation	9.1.D PK.E Use imagination and creativity to express self through dramatic play.	Teacher's Guide p. 191 - Dramatic Play Center Teacher's Guide p. 217- Dramatic Play Center Teacher's Guide p. 243 - Dramatic Play Center Teacher's Guide p. 299 - Dramatic Play Center Teacher's Guide p. 323 - Dramatic Play Center

STANDARD AREA 9.1.V Production and Performance – Visual Arts

A. Elements and Principles	9.1.V PK.A Know and use basic elements of visual arts.	Teacher's Guide pp. 14-15 -Fall Holidays-Activities and Crafts-Prints and Open Market Dramatic Play Teacher's Guide p. 58 - Small Group & Exploration Teacher's Guide p. 161- Dramatic Play Center Teacher's Guide p. 190 - Art Center Teacher's Guide p. 399 - Dramatic Play Center
B. Demonstration	9.1.V PK.B Combine a variety of materials to create a work of art.	Teacher's Guide p. 192 - Writing Center Teacher's Guide p. 216 - Art Center Teacher's Guide p. 322 - Art Center Teacher's Guide p. 350 - Art Center Teacher's Guide p. 446 - Art Center
E. Representation	9.1.V PK.E Use imagination and creativity to express self through visual arts.	Teacher's Guide p. 272 - Art Center Teacher's Guide p. 298 - Art Center Teacher's Guide p. 304 - Small Group & Exploration Teacher's Guide p. 451 - Story Time Teacher's Guide p. 455 - Small Group & Exploration
J. Technologies	9.1.V PK.J Use a variety of technologies for producing works of art.	Teacher's Guide p. 243 - Construction Center Teacher's Guide p. 273 - Dramatic Play Center Teacher's Guide p. 422 - Art Center Teacher's Guide p. 451 - Small Group & Exploration Teacher's Guide p. 472 - Art Center

STANDARD AREA 9.2 Historical and Cultural Context of Works in the Arts

D. Perspective	9.2 PK.D Explain that instruments or art forms represent cultural perspectives.	Seasonal Holidays Teacher's Guide p. 26 - Winter Holidays: Chinese Ribbon Dance Seasonal Holidays Teacher's Guide p. 26 - Winter Holidays: Masks on Parade Seasonal Holidays Teacher's Guide p. 34 - Winter Holidays: African Drums Seasonal Holidays Teacher's Guide pp. 50-51 - Spring Holidays: Activities and Crafts/Maracas and Mexican Hat Dance Teacher's Guide p. 332- Morning Meeting: Warm Up Your Brain
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STANDARD AREA 9.3 Critical Response to Works in the Arts

F. Identification	9.3 PK.F Recognize and name a variety of art forms.	Teacher's Guide p. 52 - Art Center Teacher's Guide p. 67- Small Group & Exploration Teacher's Guide p. 71 - Small Group & Exploration Teacher's Guide p. 80 - Art Center Teacher's Guide p. 151 - Small Group & Exploration
G. Critical Response	9.3 PK.G Formulate and share an opinion about others' art products.	Teacher's Guide p. 73 - Circle Time Teacher's Guide p. 126 - Morning Meeting: Sharing Family Illustrations Teacher's Guide p. 179 - Morning Meeting: Share Chair Teacher's Guide p. 190 - Art Center Teacher's Guide p. 446 - Art Center

STANDARD AREA 9.4 Aesthetic Response to Works in the Arts

B. Emotional Response	9.4 PK.B Demonstrate an emotional response to viewing or creating various art works.	Teacher's Guide p. 80 - Art Center Teacher's Guide p. 126 - Morning Meeting: Sharing Family Illustrations Teacher's Guide p. 447 - Construction Center Teacher's Guide p. 446 - Art Center
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		Teacher's Guide p. 422 - Art Center
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HEALTH, WELLNESS, AND PHYSICAL DEVELOPMENT

STANDARD AREA 10.1 Concepts of Health

B. Interaction of Body Systems	10.1 PK.B Identify and locate body parts.	Teacher's Guide p. 33 - Circle Time Teacher's Guide p. 126 - Morning Meeting: Warm Up Your Brain Teacher's Guide p. 142 - Morning Meeting: Warm Up Your Brain Teacher's Guide p. 207 - Story Time Teacher's Guide p. 549 - Morning Meeting: Things We Can Do
C. Nutrition	10.1 PK.C Identify foods that keep our body healthy.	Teacher's Guide p. 63 - Small Group & Exploration Teacher's Guide p. 82 - Morning Meeting: <i>Let's Eat</i> Teacher's Guide p. 224 - Morning Meeting: Categorizing Healthy and Unhealthy Teacher's Guide p. 226 - Small Group & Exploration Teacher's Guide p. 226 - Story Time
D. Alcohol, Tobacco, and Chemical Substances	10.1 PK.D Identify and discuss the purposes of medicine.	Teacher's Guide p. 191 - Dramatic Play Center Teacher's Guide p. 217 - Dramatic Play Center Teacher's Guide pp. 220 - Morning Meeting - Let's Stay Healthy Teacher's Guide p. 233 - Story Time Teacher's Guide p. 261 - Story Time
E. Health Problems and Disease Prevention	10.1 PK.E Identify and discuss common health problems.	Teacher's Guide p. 227 - Morning Meeting: Let's Stay Healthy: Germs Teacher's Guide pp. 231-232 - Morning Meeting: Let's Stay Healthy - Sleep and Water Teacher's Guide p. 233 - Story Time Teacher's Guide p. 289 - Morning Meeting: Warm Up Your Brain

STANDARD AREA 10.2 Healthful Living

A. Health Practices, Products, and Services	10.2 PK.A Identify fundamental practices for good health.	Teacher's Guide pp. 220 - Morning Meeting - Let's Stay Healthy Teacher's Guide p. 224 - Morning Meeting: Categorizing Healthy and Unhealthy
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		Teacher's Guide pp. 227-228 - Morning Meeting: Let's Stay Healthy - Germs Teacher's Guide pp. 231-232 - Morning Meeting: Let's Stay Healthy - Sleep and Water Teacher's Guide p. 233 - Story Time
E. Health and the Environment	10.2 PK.E Identify environmental factors that affect health.	Seasonal Holidays Teacher's Guide p. 46 - Activities and Crafts, Pollution Pond Seasonal Holidays Teacher's Guide p. 39 Spring Holidays: Four Seasons-How we protect our bodies by using sunscreen, wearing war clothing, etc. Teacher's Guide p. 227- Morning Meeting: Let's Stay Healthy - Germs Teacher's Guide p. 231 - Morning Meeting: Let's Stay Healthy - Sleep and Water Teacher's Guide p. 233 - Story Time

STANDARD AREA 10.3 Safety and Injury Prevention

A. Safe and Unsafe Practices	10.3 PK.A Recognize safe and unsafe practices.	Teacher's Guide p. 42 - Morning Meeting: Cinnamon Play Dough Teacher's Guide p. 171 - Story Time Teacher's Guide pp. 245-246 - Morning Meeting: Safety Teacher's Guide pp. 250-251 - Morning Meeting: Safety Teacher's Guide pp. 255-256 - Morning Meeting: Safety
B. Emergency Responses	10.3 PK.B Recognize emergency situations and discuss appropriate responses.	Teacher's Guide p. 161 - Dramatic Play Center Teacher's Guide pp. 163-164 - Morning Meeting: Firefighters Teacher's Guide pp. 168-169 - Morning Meeting: Dialing 9-1-1 Teacher's Guide p. 171 - Story Time Teacher's Guide pp. 245-246 - Morning Meeting: Safety

STANDARD AREA 10.4 Physical Activity – Gross Motor Coordination

A.	10.4 PK.A	Teacher's Guide p. 33 - Circle Time
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Control and Coordination	Demonstrate coordination of body movements in active play.	Teacher's Guide p. 42 - Morning Meeting: Warm Up Your Brain Teacher's Guide p. 245 - Warm Up Your Brain Teacher's Guide p. 250 - Morning Meeting: Warm Up Your Brain Teacher's Guide p. 146 - Morning Meeting: Warm Up Your Brain
B. Balance and Strength	10.4 PK.B Exhibit balance while moving on the ground or using equipment.	Teacher's Guide p. 259 - Morning Meeting: Warm Up Your Brain Teacher's Guide p. 357 - Morning Meeting: Warm Up Your Brain Teacher's Guide p. 250 - Morning Meeting: Warm Up Your Brain Teacher's Guide p. 266 - Morning Meeting: Warm Up Your Brain Outdoor Activities Supplement: https://teach.starfall.com/lv/documents/teachers-lounge/pk-ed2-outdooractivities.pdf

STANDARD AREA 10.5 Concepts, Principles, and Strategies of Movement – Fine Motor Coordination

A. Strength, Coordination, and Muscle Control	10.5 PK.A Use hands, fingers and wrists to manipulate objects.	Teacher's Guide p. 44 - Small Group & Exploration Teacher's Guide p. 52 - Art Center Teacher's Guide p. 81 - Discovery Center Teacher's Guide p. 162 - Discovery Center Teacher's Guide p. 218 - Discovery Center
B. Eye/Hand Coordination	10.5 PK.B Coordinate eye and hand movements to perform a task.	Teacher's Guide p. 54 - Math Center Teacher's Guide pp. 55-56 - Morning Meeting: The Friendship Ball Teacher's Guide p. 85 - Small Group & Exploration Teacher's Guide p. 110 - Math Center Teacher's Guide p. 136 - Discovery Center
C. Use of Tools	10.5 PK.C Use tools that require use of fingers, hands, and/or wrists to accomplish a task.	Teacher's Guide p. 109 - Writing Center Teacher's Guide p. 216 - Art Center Teacher's Guide p. 217 - Construction Center Teacher's Guide p. 160 - Art Center Teacher's Guide p. 243 - Construction Center

SOCIAL AND EMOTIONAL DEVELOPMENT

STANDARD AREA 16.1 Self-Awareness and Self-Management

A. Manages Emotions and Behaviors	16.1 PK.A Distinguish between emotions and identify socially accepted ways to express them.	Teacher's Guide p. 14 - Circle Time Teacher's Guide p. 17 - Circle Time Teacher's Guide p. 22 - Circle Time Teacher's Guide p. 114 - Story Time Teacher's Guide p. 116 - Morning Meeting: "Did the Little Red Hen Do the Right Thing?"
B. Influences of Personal Traits on Life	16.1 PK.B Recognize that everyone has personal traits which guide behavior and choices.	Teacher's Guide p. 44 - Story Time Teacher's Guide p. 114 - Story Time Teacher's Guide p. 116 - Morning Meeting-"Did Little Red Hen Do the Right Thing?" Teacher's Guide p. 176 - Partner Sharing Teacher's Guide p. 230 - Story Time
C. Resiliency	16.1 PK.C Recognize that everyone makes mistakes and that using positive coping skills can result in learning from the experience.	Teacher's Guide p. 114 - Story Time Teacher's Guide p. 116 - Morning Meeting: "Did the Little Red Hen Do the Right Thing?" Teacher's Guide p. 126 - Morning Meeting: Warm Up Your Brain Teacher's Guide p. 258 - Small Group & Exploration Teacher's Guide p. 427 - Story Time
D. Goal-Setting	16.1 PK.D Establish goals independently and recognize their influence on choices.	Teacher's Guide p. 126 - Morning Meeting: Sharing Family Illustrations Teacher's Guide p. 473 - Construction Center Teacher's Guide p. 473 - Dramatic Play Center Teacher's Guide p. 475 - Morning Meeting: Things I Can Build Teacher's Guide p. 478 - Small Group & Exploration
E. Identity Development	Continued Support of Pre-Kindergarten Standard	Teacher's Guide p. 9 - Morning Meeting: Meet Gingerbread Boy Teacher's Guide p. 15 - Small Group & Exploration Teacher's Guide p. 24 - Morning Meeting: Share Photo Pages Teacher's Guide p. 55 - Morning Meeting: The Friendship Ball <i>Starfall.com: It's Fun to Read: "All About Me"</i>

STANDARD AREA 16.2 Establishing and Maintaining Relationships

A. Relationships: Trust and Attachment	16.2 PK.A Interact with peers and adults in a socially acceptable manner.	Teacher's Guide p. 21 - Learning Centers Teacher's Guide p. 24 - Morning Meeting: Share Photo Pages Teacher's Guide pp. 55-56 - Morning Meeting: The Friendship Ball Teacher's Guide p. 58 - Small Group & Exploration Teacher's Guide p. 126 - Morning Meeting-Sharing Family Illustrations
B. Diversity	16.2 PK.B Identify similarities and differences between self and others.	Teacher's Guide p. 24 - Morning Meeting: Share Photo Pages Teacher's Guide pp. 11-112 - Morning Meeting: Introduce Grandmother Teacher's Guide p. 118 - Small Group & Exploration Teacher's Guide p. 126 - Morning Meeting-Sharing Family Illustrations Teacher's Guide p. 138 - Morning Meeting: <i>Introduce Neighbors and Community</i>
C. Communication	16.2 PK.C Engage in reciprocal communication with adults and peers.	Teacher's Guide pp. 55-56 - Morning Meeting: The Friendship Ball Teacher's Guide pp. 176-177 - Morning Meeting: Community Helpers Teacher's Guide p. 179 - Morning Meeting: Share Chair Teacher's Guide pp. 200-201 - Story Time Teacher's Guide p. 230 - Story Time
D. Managing Interpersonal Conflicts	16.2 PK.D Recognize that conflict occurs and distinguish between appropriate and inappropriate ways to resolve conflict. <i>*See also 5.2 PK.B</i>	Teacher's Guide p. 21 - Learning Centers Teacher's Guide p. 45 - Morning Meeting: Review Emotions Teacher's Guide p. 56 - Circle Time Teacher's Guide p. 375 - Construction Center Teacher's Guide p. 399 - Dramatic Play
E. Support: Asking for Help	16.2 PK.E Ask for and accept offers of help when needed or appropriate.	Teacher's Guide p. 9 - Learning Centers Teacher's Guide p. 21 - Learning Centers Teacher's Guide p. 56 - Circle Time Teacher's Guide p. 45 - Morning Meeting: Review Emotions Teacher's Guide p. 56 - Circle Time

STANDARD AREA 16.3 Decision-Making and Responsible Behavior

A. Decision-Making Skills	16.3 PK.A Interpret the consequences of choices.	Teacher's Guide p. 21 - Learning Centers Teacher's Guide p. 42 - Morning Meeting: Cinnamon Play Dough Teacher's Guide p. 56 - Circle Time Teacher's Guide p. 72 - Morning Meeting: Review Rules Teacher's Guide pp. 119-120 - Morning Meeting: Helping Your Family
B. Understanding Social Norms (Social Identity)	16.3 PK.B Recognize there are socially acceptable ways to behave in different places.	Teacher's Guide p. 56 - Circle Time Teacher's Guide p. 80 - Library Center Teacher's Guide pp. 119-120 - Morning Meeting: Helping Your Family Teacher's Guide pp. 245-246 - Morning Meeting: Teacher's Guide pp. 250-251 - Morning Meeting: Safety: <i>Taking a Walk, In a Car, and Wheels, Wheels, Wheels</i>
C. Responsible Active Engagement – Empathy	16.3 PK.C Actively engage in assisting others when appropriate.	Teacher's Guide p. 9 - Learning Centers Teacher's Guide p. 70-71 - Story Time Teacher's Guide p. 71- Small Group & Exploration Teacher's Guide p. 108 - Art Center Teacher's Guide p. 119-120 - Morning Meeting: Helping Your Family

*The standards in this document were copied directly from 2014 Pennsylvania Learning Standards for Early Childhood.

Publisher's Note: The citations included in this alignment represent a sampling of Starfall Pre K 4 Second Edition Curriculum. Each standard is covered in depth throughout the curriculum. Additional Starfall standards may be found in the *Read Me First* section of the Teacher's Guide.