

Exploring the Treasures of 4-H - Activities Supporting PA Academic Standards

Chapter 1: Citizenship and Civic Education			
Activity Title	National Standard	Pennsylvania Standard	Page # in Curriculum
More Alike than Different	NL-ENG K-12.9 Multicultural Understanding	Geography 7.3.3: Human Characteristics of Places and Regions B: Identify the human characteristics of places and regions by their cultural character	p. 5 - 7
We're All Connected	NSS-C.K-4.4 Other Nations and World Affairs	Geography 7.3.3: The Human Characteristics of Places and Regions D: Identify the human characteristics of places and regions by their economic activities	p. 10 - 11
Taking Care of Your Community	NSS-C.K-4.5 Roles of the Citizen	Environment and Ecology 4.3.4: Environmental Health B: Identify how human actions affect environmental health (4 th Grade Standards)	p. 12 - 14
Our Flag – American Pride	NSS-C.K-4.2 Values and Principles of Democracy NSS-C.K-4.5 Roles of the Citizen	Civics and Government 5.1.3: Principles and Documents of Government G: Describe the purpose of the United States Flag, The Pledge of Allegiance and The National Anthem	p. 15 – 17

Chapter 2: Communications and Expressive Arts			
Activity Title	National Standard	Pennsylvania Standard	Page # in Curriculum
Creative Construction	NA-VA.K-4.1 Understanding and Applying Media, Techniques and Processes	Arts and Humanities 9.1.3: Production, Performance and Exhibition of Dance, Music, Theatre and Visual Arts B: Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts	p. 20 – 21
Caring Communication	NL-ENG.k-12.5 Writing to Communicate	Reading, Writing, Speaking and Listening 1.4.3: Types of Writing B: Write informational pieces (e.g., descriptions, letters, reports instructions) using illustrations when relevant	p. 22 – 23
Story Telling	NL-ENG.K-12.4 Communication Skills	Reading, Writing, Speaking and Listening 1.6.3: Speaking and Listening E: Participate in small and large group discussions and presentations	p. 24 – 25
Exploring Photography	NA-VA.K-4.1 Understanding and Applying Media Techniques and Processes	Arts and Humanities 9.1.3: Production, Performance and Exhibition of Dance, Music, Theatre and Visual Arts J: Know and use traditional and contemporary technologies for producing, performing and exhibiting works in the arts or the works of others	p. 26 - 28
Exploring Art: Creating a Patchwork Mural	NA-VA.K-4.1 Understanding and Applying Media, Techniques and Processes	Arts and Humanities 9.1.3: Production, Performance and Exhibition of Dance, Music, Theatre and Visual Arts A: Know and use the elements and principles of each art form to create works in the arts and humanities (visual arts: color, form/shape, line, space, texture, value)	p. 29 – 31

Chapter 3: Consumer and Family Sciences			
Activity Title	National Standard	Pennsylvania Standard	Page # in Curriculum
Reading for fun	NL-ENG.K-12.12 Applying Language Skills	Reading, Writing, Speaking and Listening 1.1.3: Learning to Read Independently H: Demonstrate fluency and comprehension in reading	p. 32 – 33
Decorating your own space	NA-VA.K-4.5 Reflecting upon and assessing the characteristics and merits of their work and the work of others	Arts and Humanities 9.1.3: Production, Performance and Exhibition of Dance, Music, Theatre and Visual Arts B: Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts H: Handle materials, equipment and tools safely at work and performance spaces	p. 34 – 35
Time Management	NSS-EC.K-4.1 Scarcity	Career Education and Work 13.3.3: Career Retention and Advancement E: Discuss how time is used at both home and school	p. 40 – 41
Can I have some money please	NSS-EC.K-4.1 Scarcity	Career Education and Work 13.3.3: Career Retention and Advancement D: Explain how money is used Family and Consumer Sciences 11.1.3: Financial and Resource Management B: Define the components of a spending plan	p. 42 – 43
The table is set	NPH-H.H.K-4.4 Health Influences	Family and Consumer Sciences 11.2.3: Balancing Family, Work and Community Responsibility F: Explain daily activities that fulfill family functions in meeting responsibilities	p. 44 – 45
Practice makes perfect	NPH-H.H.K-4.4 Health Influences	Family and Consumer Sciences 11.2.3: Balancing Family, Work and Community Responsibility F: Explain daily activities that fulfill family functions in meeting responsibilities	p. 46 - 47

Chapter 4: Environmental Education and Earth Science			
Activity Title	National Standard	Pennsylvania Standard	Page # in Curriculum
Edible Aquifer	NSK 4.6 Changes in the Environments	Environment and Ecology 4.1.4: Watersheds and Wetlands A: Identify various types of water environments 4.3.4: Environmental Health B: Identify how human actions affect environmental health (4 th Grade Standards)	p. 48 – 49
Is That Cloud Going to Rain on Me Today?	NS.K-4.4 Earth and Space Science	Science and Technology 3.5.4: Earth Sciences C: Know basic weather elements (4 th Grade Standards)	p. 50 – 51
Sharpen Your Senses	NS.K-4.3 Life Science Characteristics of Organisms	Science and Technology 3.2.4: Inquiry and Design B: Describe objects in the world using the five senses (4 th Grade Standards)	p. 54 – 56
Household Hazard Hunt	NSK-4.6 Changes in Environments	Environment and Ecology 4.3.4: Environmental Health B: Identify how human actions affect environmental health • identify pollutants (4 th Grade Standards)	p. 57 – 59
Blowin' in the Wind	NS.K-4.4 Earth and Space Science	Science and Technology 3.5.4: Earth Sciences C: Know basic weather elements (4 th Grade Standards)	p. 60- 61

Chapter 5: Healthy Lifestyle Education			
Activity Title	National Standard	Pennsylvania Standard	Page # in Curriculum
Learning the Ropes – Double Dutch Style	NPH-H.K-4.6 Setting Goals for Good Health NPH-H.K-4.5 Using Communication Skills to Promote Health	Health, Safety & Physical Education 10.4.3: Physical Activity A: Identify and engage in physical activities that promote physical fitness and health.	p. 65 – 67
Away with Germs	NPH-H-4.3 Reducing Health Risks	Health, Safety & Physical Education 10.1.3: Concepts of Health E: Identify types and causes of common health problems of children 10.2.3: Healthful Living A: Identify personal hygiene practices and community helpers that promote health and prevent the spread of disease. Family and Consumer Sciences 11.3.3: Food Science and Nutrition B: Describe personal hygiene techniques in food handling	p. 68 – 69
Bread in a Bag	NPH-H.4.1 Health Promotion and Disease Prevention	Family and Consumer Sciences 11.3.3: Food Science and Nutrition C: Explain the importance of eating a varied diet in maintaining health F: Identify components of a basic recipe	p. 73 - 75
Heart Smarts	NPH-H.4.3 Reducing Health Risks	Health, Safety & Physical Education 10.4.3: Physical Activity A: Identify and engage in physical activities that promote physical fitness and health B: Know the positive and negative effects of regular participation in moderate to vigorous physical activities	p. 78 - 79

Chapter 6: Personal Development and Leadership			
Activity Title	National Standard	Pennsylvania Standard	Page # in Curriculum
Making Friends	NL-ENG.K-12.12 Applying language skills	Reading, Writing, Speaking and Listening 1.6.3: Speaking and listening A: Listen to others D: Contribute to discussions	p. 80 – 81
Parliamentary Procedure	NL-ENG.K-12.4 Students adjust their use of language to communicate effectively with a variety of audiences	Family and Consumer Sciences 11.2.3: Balancing Family, Work and Community Responsibility C: Indicate the benefits and costs of working as an individual or as a team member and of being a leader or follower Career Education and Work 13.3.3: Career Retention and Advancement C: Explain effective group interaction terms Civics and Government 5.1.3: Principles and Documents of Government B: Explain the purposes of rules and laws and why they are important in the classroom, school, community, state and nation	p. 82 – 83
Getting to Know You	NPH-H.K-4.5 Using Communication Skills to Promote Health	Reading, Writing, Speaking and Listening 1.6.3: Speaking and listening A: Listen to others D: Contribute to discussions	p. 84 – 87

Chapter 7: Plants and Animals

Activity Title	National Standard	Pennsylvania Standard	Page # in Curriculum
Watch it Grow	NS.K-4.3 Life Science, Characteristics of Organisms	Science and Technology 3.3.4: Biological Sciences A: Know the similarities and differences of living things B: Know that living things are made up of parts that have specific functions Environment and Ecology 4.6.4: Ecosystems and their Interactions A: Understand that living things are dependent on nonliving things in the environment for survival <ul style="list-style-type: none">• Identify basic needs of a plant and an animal and explain how their needs are met• Identify plants and animals with their habitat and food sources• Identify environmental variables that affect plant growth (4 th Grade Standards)	p. 88 – 89
Pets, Pets, Pets	NS.K-4.3 Life Science, Characteristics of Organisms	Environment and Ecology 4.3.4: Environmental Health A: Know that plants, animals and humans are dependent on air and water (4 th Grade Standards)	p. 92 – 93
Terrarium Treasures	NS.K-4.3 Life Science, Characteristics of Organisms	Environment and Ecology 4.6.4: Ecosystems and their Interactions A: Understand that living things are dependent on nonliving things in the environment for survival (4 th Grade Standards)	p. 94 – 95

<p>Make a Nature Box</p>	<p>NS.K-4.3 Life Science, Organisms and Their Environments</p>	<p>Environment and Ecology 4.3.4: Environmental Health C: Understand that the elements of natural systems are interdependent. 4.6.4: Ecosystems and their Interactions A: Understand that living things are dependent on nonliving things in the environment for survival C: Identify how ecosystems change over time 4.7.4: Threatened, Endangered and Extinct Species A: Identify differences in living things (4th Grade Standards)</p>	<p>p. 98 – 99</p>
<p>My Backyard Jungle</p>	<p>NS.K-4.3 Life Science, Organisms and Their Environments</p>	<p>Science and Technology 3.3.4: Biological Sciences A: Know the similarities and differences of living things B: Know that living things are made up of parts that have specific functions</p> <p>Environment and Ecology 4.2.4: Renewable and Nonrenewable Resources B: Identify products derived from natural resources (4th Grade Standards)</p>	<p>p. 100 - 101</p>

Chapter 8: Science and Technology			
Activity Title	National Standard	Pennsylvania Standard	Page # in Curriculum
Mysterious Mud	NS.K-4.1 Science as Inquiry NS.K-4.2 Physical Science Properties of Objects and Materials	Science and Technology 3.2.4: Inquiry and Design C: Recognize and use the elements of scientific inquiry to solve problems 3.4.4: Physical Science, Chemistry and Physics A: Recognize basic concepts about the structure and properties of matter (4 th Grade Standards)	p. 102 – 103
Shine, Shine, Shine	NS.K-4.1 Science as Inquiry NS.K-4.2 Physical Science Properties of Objects and Materials	Science and Technology 3.2.4: Inquiry and Design C: Recognize and use the elements of scientific inquiry to solve problems D: Recognize and use the technological design process to solve problems 3.4.4: Physical Science, Chemistry and Physics A: Recognize basic concepts about the structure and properties of matter (4 th Grade Standards)	p. 106 – 107
Bubbles, Bubbles Everywhere	NS.K-4.1 Science as Inquiry NS.K-4.2 Physical Science Properties of Objects and Materials	Science and Technology 3.2.4: Inquiry and Design C: Recognize and use the elements of scientific inquiry to solve problems D: Recognize and use the technological design process to solve problems 3.4.4: Physical Science, Chemistry and Physics A: Recognize basic concepts about the structure and properties of matter (4 th Grade Standards)	p. 108 – 109

Hot, Hot, Hot	NS.K-4.4 Earth and Space Science	Science and Technology 3.4.4: Physical Science, Chemistry and Physics A Recognize basic concepts about the structure and properties of matter 3.5.4: Earth Sciences C: Know basic weather elements Environment and Ecology 4.6.4: Ecosystems and their Interactions B: Understand the concepts of cycles (4 th Grade Standards)	p. 112 - 113
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