

Forests of Fun Content Standards
“Forestry Helper’s Guide”
Forestry Group Activities Grades 3-12

Project Area Skill (PAS) refers to the subject matter based skill which youth demonstrate in relation to the correlating content standard.

Objectives:

Career Readiness-

- 1. Students will identify their career interests and aptitudes to develop an educational plan which supports personal career goals.**

Benchmarks: K-4: A,B; 5-8: A,B,C,D; 9-12: B,E

Project Area Skill: The youth will explore the career aspects of forestry through games, educational competitions, and raising Christmas trees. The youth will identify the skills needed to attain a career in forestry.

- 2. Students will utilize and manage resources effectively to produce quality services and products.**

Benchmarks: K-4: A,B,C; 5-8: B,C; 9-12: A,B,C

Project Area Skill: The youth will utilize resources to manage meetings, market trees, play games, and hold local forestry competitions. The youth will understand how to use resources to accomplish quality services and products.

- 4. Students will develop and demonstrate responsible and ethical workplace behaviors.**

Benchmarks: K-4: A,B,C; 5-8: A,B; 9-12: B,C

Project Area Skill: The youth will learn to work among themselves and community members in a respectful manner to accomplish tasks. They will understand the importance of volunteering and giving back to the community while learning about forestry.

5. The students will develop effective leadership, interpersonal, and team skills.

Benchmarks: K-4: A,B,C,D; 5-8: A,C,D; 9-12: A,D

Project Area Skill: The youth will work together to develop a yearly plan and assign certain group members leadership roles to facilitate certain activities in the plan. They will work with adults and community members through educational programs in forestry and fundraising efforts.

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Project Area Skill (PAS) refers to the subject matter based skill which 4-H members demonstrate in relation to the correlating content standard.

Objectives:

Language Arts-

- 1. Reading and listening for comprehension: Students will apply strategies and skills to comprehend information that is read, heard and viewed.**

Benchmarks: K-4: A,B; 5-8: A,D

Project Area Skill: The youth will participate in activities to reflect their knowledge of forestry. They will plan and conduct games and competitions among themselves and others in their community to reengage their comprehension of knowledge gained from forestry club meetings.

- 2. Writing and Speaking for Expression: Students will communicate effectively through speaking and writing.**

Benchmarks: K-4: A; 5-8: A; 9-12: A

Project Area Skill: The club members will demonstrate their speaking skills by playing games involving word meaning and spelling.

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Project Area Skill (PAS) refers to the subject matter based skill which 4-H members demonstrate in relation to the correlating content standard.

Objectives:

Math-

- 1. Geometry: Students will understand geometric concepts and applications.**

Benchmarks: K-4: D; 5-8: D 9-12: 2 A

Project Area Skill: The youth will demonstrate how to form shapes of quadrilaterals and polygons using a compass. They will create a perimeter using a standard measurement and use degrees in respect to direction to create the angles of the shapes.

- 2. Measurement: Students will understand measurement systems and applications.**

Benchmarks: K-4: B; 5-8: B

Project Area Skill: In one activity, the youth will plot perimeters of geometric shapes by pacing out lines and following specific bearings on their compasses. They will also measure the distance of their personal pace to validate the accuracy of their shape. The youth will understand the importance of the compass and how the degree bearing can be used to find specified destinations which they can use while traveling or camping.

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Project Area Skill (PAS) refers to the subject matter based skill which 4-H members demonstrate in relation to the correlating content standard.

Objectives:

Physical Education-

- 1. Demonstrates competency in many movement forms and proficiency in a few movement forms.**

Benchmarks: K-4: A,B; 5-8: A; 9-12: A

Project Area Skill: The youth will exercise movement through outdoor pursuits. They will show many movement forms while engaging in forestry games and activities.

- 2. Applies movement concepts and principals to the learning and development of motor skills.**

Benchmarks: K-4: A; 5-8: A; 9-12: A

Project Area Skill: The youth will demonstrate use of motor skills in effort, space, and relationships of movement while engaging in forestry games and activities.

- 3. Exhibits knowledge and ability to participate in physically active lifestyle.**

Benchmarks: K-4: A; 5-8: A; 9-12: A

Project Area Skill: Physical activity is an essential asset for youth participating in the forestry program. The youth will recognize the importance of physical activity while identifying tree species and utilizing compass skills.

5. Demonstrates responsible personal and social behavior in physical activity settings.

Benchmarks: K-4: B,C,D; 5-8: A,B,C; 9-12: B,C,D

Project Area Skill: The youth will learn to properly interact with one another in a physical setting. They will assume leadership roles while participating in forestry activities. They will use problem solving techniques to accomplish the goals set forth by the group.

7. Understands that physical activity provides opportunities for enjoyment, challenge, self expression and social interaction.

Benchmarks: K-4: A,B,C; 5-8: A,B; 9-12: A,D

Project Area Skill: They youth will display enjoyment while interacting with one another while participating in physical forestry educational activities. They will recognize the challenge of certain activities and learn to interact with their peers to achieve their goal.

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Project Area Skill (PAS) refers to the subject matter based skill which 4-H members demonstrate in relation to the correlating content standard.

Objectives:

Science-

Strand I: Thinking and Practice

Standard I: Understand the process of scientific investigations and use inquiry and scientific ways of observing, experimenting, predicting, and validating to think critically.

K-4 Benchmark: I,II

5-8 Benchmark: I

Project Area Skill: The youth will participate in a Christmas tree project by which they must observe the area, collect data to determine how they will prepare the land for the project, record and analyze the trees while they are growing and predict the time and outcome of the project. They must use the scientific process continually throughout the tree project to end up with a quality product. The youth may present an illustrated talk with the end results of the project.

Strand II: Content of Science

Standard II: Life Science: Understand the properties, structures, and processes of living things and the interdependence of living things and their environments.

K-4 Benchmark: I

5-8 Benchmark: I

9-12 Benchmark: I

Project Area Skill: The youth will participate in forestry activities which will illustrate the complex networking of trees and their environment through role-playing and tree identification.

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Project Area Skill (PAS) refers to the subject matter based skill which 4-H members demonstrate in relation to the correlating content standard.

Objective:

Social Studies-

- 1. Geography: students understand how physical, natural, and cultural processes influence where people live, the ways in which people live, and how societies interact with one another and their environments.**

Benchmarks: K-4: A,D; 9-12: D

Project Area Skill: The youth will use compasses to understand the concept of location. They will understand the importance of compasses, and how society uses them to interact with their environment. The youth will also understand trees in relation to land, air and water through activities. They will understand the importance of forests and how they play a vital role in biosystems.

- 2. Civics and Government: students understand the ideals, rights, and responsibilities of citizenship and understand the content and history of the founding documents of the United States with particular emphasis on the United States and New Mexico constitutions and how governments function at local, state, tribal, and national levels.**

Benchmarks: K-4: D

Project Area Skill: The main emphasis of the 4-H forestry club emphasizes being a good citizen and understanding the responsibilities which fall upon an individual to make a group function.