



FOREST ACTIVITIES FOR UPPER PRIMARY /ELEMENTARY





Activity Card 1:

Nature's Treasure Hunt

Objective: Explore biodiversity and understand the forest ecosystem.

Materials: Printable list or clipboards, pencils.

Instructions:

Find specific items in the forest, such as:

A leaf with 5 points.

A seed or nut.

Evidence of an animal (feathers, tracks, etc.).

Something that smells good.

A sign of human impact (good or bad).

Discuss how each item plays a role in the forest ecosystem.





Activity Card 2: Forest Art Studio

Objective: Create art using natural materials and reflect on sustainable practices.

Materials: None (use what is found in the forest).

Instructions:

Collect fallen leaves, sticks, pinecones, and rocks.

Create a sculpture, mandala, or picture using the items.

Discuss how artists can use sustainable materials in their work.





Activity Card 3: Leaf ID Detectives

Objective: Learn to identify common tree species.

Materials: Leaf identification chart or app.

Instructions:

Find and collect a variety of leaves from the forest floor (do not pick them from trees).

Use the chart to identify the tree species.

Write one cool fact about each tree and share it with the group.





Activity Card 4:

Carbon Capture Experiment

Objective: Understand how trees store carbon and their role in reducing climate change.

Materials: Measuring tape, worksheet.

Instructions:

Measure the circumference of a tree trunk.

Estimate its age using the formula:

$(\text{circumference} \div \text{average growth rate})$.

Discuss how this tree has stored carbon over time.

see see growth rate document





Activity Card 5: Wildlife Sound Map

Objective: Enhance observation skills and connect with nature.

Materials: Clipboard, paper, and pencils.

Instructions:

Sit quietly in a chosen spot.

Draw a circle on your paper to represent your location.

Mark on the map where you hear sounds (birds, rustling leaves, etc.) and describe them.

Discuss what the sounds tell you about the health of the forest.





Activity Card 6:

Forest Stewards Challenge

Objective: Learn about forest conservation.

Materials: None.

Instructions:

Work in groups to create a plan to protect this forest.

Include ideas like reducing pollution, replanting trees, and educating others.

Present your plan to the group.





Activity Card 7: Soil Explorers

Objective: Investigate soil layers and their role in the ecosystem.

Materials: Trowels, magnifying glasses.

Instructions:

Carefully dig a small hole in the soil and observe the layers.

Look for decomposing leaves, worms, or roots.

Discuss how healthy soil supports the forest.





Activity Card 8: Web of Life Game

Objective: Understand interdependence in ecosystems.

Materials: String or yarn/wool.

Instructions:

Each learner takes a role (e.g., tree, bird, insect, mushroom).

Use string to connect each learner to another based on their role in the ecosystem (e.g., tree connects to bird for shelter, mushroom to dead leaves).

Discuss what happens if one part of the web is removed.

