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NOTE—The following list of thinking processes and skills is a combination of lists put forth by the Association for Supervision and Curriculum Development and the American Association for the Advancement of Science. The activities under each heading are those that are geared specifically to that process or skill and have listed it in the activity side-bar. Thinking processes are mental strategies that include specific thinking skills; they are used in dealing with complex issues. Some examples of thinking processes are problem solving and decision making. Thinking skills are specific cognitive operations that can be used either independently or as part of a complex thinking process. Examples of thinking skills include comparing and classifying.

### Analyzing

400-Acre Wood; Air Plants; Air We Breathe; Are Vacant Lots Vacant?; Birds and Worms; Can It Be Real?; Democracy in Action; Dynamic Duos; The Fallen Log; A Few of My Favorite Things; A Forest of Many Uses; Forest for the Trees; The Global Climate; How Plants Grow; How Big Is Your Tree?; In the Driver's Seat; Invasive Species; Life on the Edge; Living with Fire; A Look at Lifestyles; A Look at Aluminum; Loving It Too Much; Nature's Recyclers; Nothing Succeeds Like Succession; On the Move; Our Changing World; Pass the Plants, Please; A Peek at Packaging; Power of Print; Resource-Go-Round; Talking Trash, Not!; There Ought to Be a Law; Trees as Habitats; Trees in Trouble; Watch on Wetlands; We All Need Trees; Where are the Cedars of Lebanon?

### Classifying and Categorizing

A Forest of Many Uses; Get in Touch with Trees; Habitat Pen Pals; Have Seeds, Will Travel; Looking at Leaves; Name That Tree; People, Places, Things; Picture This; Planet of Plenty; Sounds Around; Talking Trash, Not!; Tree Treasures; We All Need Trees

### Comparing and Contrasting

Air We Breathe; The Closer You Look; Environmental Exchange Box; Field, Forest, and Stream; The Forest of S.T. Shrew; Germinating Giants; Get in Touch with Trees; How Big is Your Tree?; I'd Like to Visit a Place Where...; Living with Fire; Looking at Leaves; Make Your Own Paper; Name That Tree; Nothing Succeeds Like Succession; On the Move; A Peek at Packaging; People of the Forest; Pollution Search; Power of Print; Reduce, Reuse, Recycle; The Shape of Things; Then and Now; Three Cheers for Trees; Water Wonders; We Can Work It Out

### Composing

Adopt a Tree; Habitat Pen Pals; In the Good Old Days; Poet-Tree; Power of Print; Renewable or Not?

### Comprehending

In the Driver's Seat; The Forest of S.T. Shrew; Loving it Too Much; Tale of the Sun; Tree Factory

### Concept Forming

The Forest of S.T. Shrew; Our Changing World; Sun-light and Shades of Green; Trees for Many Reasons

### Concluding

Bursting Buds; Did You Notice?; By the Rivers of Babylon; The Forest of S.T. Shrew; Germinating Giants; How Plants Grow; Peppermint Beetle; School Yard Safari; Soil Stories; Sunlight and Shades of Green

### Decision Making

In the Driver's Seat; Forest Consequences; Plant a Tree; Publicize It!; Reduce, Reuse, Recycle; Watch on Wetlands; We Can Work It Out

### Defining Problems

Air We Breathe; Energy Sleuths; Forest Consequences; I'd Like to Visit a Place Where...; Improve Your Place; Our Changing World; Plant a Tree

### Determining Causes and Effects

Air We Breathe; Birds and Worms; Every Tree for Itself; The Global Climate; Rain Reasons

### Discussing

A Few of My Favorite Things; Forest Consequences; A Forest of Many Uses; The Forest of S.T. Shrew; A Look at Aluminum; Pass the Plants, Please; People, Places, Things; Poet-Tree; Renewable or Not; Tale of the Sun; There Ought to Be a Law; Three Cheers for Trees; Trees for Many Reasons; Tropical Treehouse; Viewpoints on the Line; We Can Work It Out; Web of Life; Who Works in this Forest?

### Elaborating

A Few of My Favorite Things

### Establishing Criteria

Energy Sleuths; Viewpoints on the Line

### Estimating

Every Drop Counts!

### Evaluating

Charting Diversity; Energy Sleuths; A Forest of Many Uses; Improve Your Place; A Look at Lifestyles; Native Ways; Nothing Succeeds Like Succession; Our Changing World; A Peek at Packaging; Plant a Tree; Pollution Search; Publicize It!; Reduce, Reuse, Recycle; Three Cheers for Trees; Tree Treasures; Trees for Many Reasons; Viewpoints on the Line; Waste Watchers