

5. Topic Index

NOTE—All numbers in these indices refer to activity numbers, not page numbers.

ADAPTATIONS, PLANT AND/OR ANIMAL

- 1 Shape of Things, The
- 4 Sounds Around
- 6 Picture This!
- 7 Habitat Pen Pals
- 8 Forest of S.T. Shrew, The
- 9 Planet Diversity
- 10 Charting Diversity
- 11 Can It Be Real?
- 12 Invasive Species
- 22 Trees as Habitats
- 23 Fallen Log, The
- 25 Birds and Worms
- 26 Dynamic Duos
- 29 Rain Reasons
- 43 Have Seeds, Will Travel
- 48 Field, Forest, and Stream
- 49 Tropical Treehouse
- 71 Watch on Wetlands
- 88 Life on the Edge

AESTHETICS

- 1 Shape of Things, The
- 5 Poet-Tree
- 30 Three Cheers for Trees
- 31 Plant a Tree
- 54 I'd Like to Visit a Place Where...
- 55 Planning the Ideal Community
- 61 Closer You Look, The
- 64 Looking at Leaves
- 96 Improve Your Place

AIR QUALITY

- 28 Air Plants
- 30 Three Cheers for Trees
- 31 Plant a Tree
- 36 Pollution Search
- 72 Air We Breathe
- 73 Waste Watchers
- 84 Global Climate, The
- 85 In the Driver's Seat

ANIMAL SIGNS AND TRACKS

- 3 Peppermint Beetle
- 8 The Forest of S.T. Shrew
- 23 Fallen Log, The
- 46 Schoolyard Safari
- 47 Are Vacant Lots Vacant?

AUTOMOBILES

(See TRANSPORTATION.)

BENEFITS OF TREES

- 8 Forest of S.T. Shrew, The
- 12 Invasive Species
- 13 We All Need Trees
- 15 Few of My Favorite Things, A
- 22 Trees as Habitats
- 28 Air Plants
- 30 Three Cheers for Trees
- 31 Plant a Tree
- 34 Who Works in this Forest?
- 49 Tropical Treehouse

- 51 Make Your Own Paper
- 71 Watch on Wetlands
- 82 Resource-Go-Round

BIODIVERSITY

- 1 Shape of Things, The
- 2 Get in Touch With Trees
- 6 Picture This!
- 7 Habitat Pen Pals
- 8 Forest of S.T. Shrew, The
- 9 Planet Diversity
- 10 Charting Diversity
- 11 Can It Be Real?
- 12 Invasive Species
- 26 Dynamic Duos
- 29 Rain Reasons
- 35 Loving It Too Much
- 45 Web of Life
- 46 Schoolyard Safari
- 47 Are Vacant Lots Vacant?
- 48 Field, Forest, and Stream
- 49 Tropical Treehouse
- 50 400-Acre Wood
- 88 Life on the Edge

CAMOUFLAGE

- 6 Picture This!
- 7 Habitat Pen Pals
- 25 Birds and Worms

CAREERS

- 32 Forest of Many Uses, A
- 33 Forest Consequences
- 34 Who Works in this Forest?
- 35 Loving It Too Much
- 50 400-Acre Wood
- 51 Make Your Own Paper
- 52 Look at Aluminum, A
- 55 Planning the Ideal Community
- 57 Democracy in Action
- 58 There Ought to Be a Law
- 60 Publicize It!
- 67 How Big Is Your Tree?
- 69 Forest for the Trees
- 70 Soil Stories
- 74 People, Places, Things
- 91 In the Good Old Days

CIVILIZATIONS

- 17 People of the Forest
- 18 Tale of the Sun
- 20 Environmental Exchange Box
- 40 Then and Now
- 74 People, Places, Things
- 75 Tipi Talk
- 92 Look at Lifestyles, A
- 93 Paper Civilizations
- 94 By The Rivers of Babylon

CLIMATE

- 29 Rain Reasons
- 48 Field, Forest, and Stream
- 49 Tropical Treehouse
- 70 Soil Stories
- 73 Waste Watchers
- 84 Global Climate, The
- 86 Our Changing World

COMMUNICATION

- 3 Peppermint Beetle
- 4 Sounds Around
- 5 Poet-Tree
- 7 Habitat Pen Pals
- 18 Tale of the Sun
- 19 Viewpoints on the Line
- 20 Environmental Exchange Box
- 52 A Look at Aluminum
- 57 Democracy in Action
- 58 There Ought to Be a Law
- 59 Power of Print
- 60 Publicize It!
- 71 Watch on Wetlands
- 90 Native Ways
- 91 In the Good Old Days
- 93 Paper Civilizations

COMMUNITY & COMMUNITY PLANNING

- 4 Sounds Around
- 17 People of the Forest
- 20 Environmental Exchange Box
- 32 Forest of Many Uses, A
- 33 Forest Consequences
- 35 Loving It Too Much
- 37 Reduce, Reuse, Recycle
- 40 Then and Now
- 47 Are Vacant Lots Vacant?
- 49 Tropical Treehouse
- 50 400-Acre Wood
- 53 On the Move
- 54 I'd Like to Visit a Place Where...
- 55 Planning the Ideal Community
- 56 We Can Work It Out
- 58 There Ought to Be a Law
- 59 Power of Print
- 60 Publicize It!
- 70 Soil Stories
- 71 Watch on Wetlands
- 74 People, Places, Things
- 75 Tipi Talk
- 84 Global Climate, The
- 86 Our Changing World
- 92 Look at Lifestyles, A
- 94 By the Rivers of Babylon
- 95 Did You Notice?
- 96 Improve Your Place

COMPOSTING

- 23 Fallen Log, The
- 24 Nature's Recyclers
- 37 Reduce, Reuse, Recycle
- 70 Soil Stories
- 79 Tree Lifecycle

CONSERVATION

- 12 Invasive Species
- 14 Renewable or Not?
- 15 Few of My Favorite Things, A
- 34 Who Works in this Forest?
- 35 Loving It Too Much
- 37 Reduce, Reuse, Recycle
- 38 Every Drop Counts
- 39 Energy Sleuths
- 49 Tropical Treehouse
- 51 Make Your Own Paper
- 52 Look at Aluminum, A
- 69 Forest for the Trees

Index 5

- 71 Watch on Wetlands
- 73 Waste Watchers
- 82 Resource-Go-Round
- 84 Global Climate, The
- 91 In the Good Old Days
- 92 Look at Lifestyles, A
- 94 By the Rivers of Babylon

CONSUMERISM

- 15 Few of My Favorite Things, A
- 37 Reduce, Reuse, Recycle
- 82 Resource-Go-Round
- 83 Peek at Packaging, A

CULTURAL PERSPECTIVES

- 16 Pass the Plants, Please
- 17 People of the Forest
- 18 Tale of the Sun
- 20 Environmental Exchange Box
- 40 Then and Now
- 49 Tropical Treehouse
- 74 People, Places, Things
- 75 Tipi Talk
- 78 Signs of Fall
- 90 Native Ways
- 92 Look at Lifestyles, A
- 93 Paper Civilizations
- 94 By the Rivers of Babylon

CYCLES

- 23 Fallen Log, The
- 28 Air Plants
- 44 Water Wonders
- 78 Signs of Fall
- 79 Tree Lifecycle
- 80 Nothing Succeeds Like Succession
- 81 Living with Fire
- 82 Resource-Go-Round
- 85 In the Driver's Seat
- 86 Our Changing World

DECOMPOSITION

- 8 Forest of S.T. Shrew, The
- 23 Fallen Log, The
- 24 Nature's Recyclers
- 70 Soil Stories
- 79 Tree Lifecycle

DISTURBANCE (ECOLOGICAL)

- 69 Forest for the Trees
- 77 Trees in Trouble
- 80 Nothing Succeeds Like Succession
- 81 Living with Fire

DIVERSITY

(See BIODIVERSITY.)

ECONOMICS

- 14 Renewable or Not?
- 19 Viewpoints on the Line
- 20 Environmental Exchange Box
- 32 Forest of Many Uses, A
- 33 Forest Consequences
- 34 Who Works in this Forest?
- 38 Every Drop Counts
- 39 Energy Sleuths
- 50 400-Acre Wood
- 69 Forest for the Trees
- 73 Waste Watchers
- 82 Resource-Go-Round
- 83 Peek at Packaging, A

ECOSYSTEMS

- 9 Planet Diversity
- 12 Invasive Species
- 20 Environmental Exchange Box
- 29 Rain Reasons
- 45 Web of Life
- 48 Field, Forest, and Stream
- 49 Tropical Treehouse
- 50 400-Acre Wood
- 71 Watch on Wetlands
- 80 Nothing Succeeds Like Succession
- 81 Living with Fire
- 86 Our Changing World

ENDANGERED SPECIES

- 45 Web of Life
- 71 Watch on Wetlands
- 88 Life on the Edge

ENERGY

- 14 Renewable or Not?
- 36 Pollution Search
- 39 Energy Sleuths
- 44 Water Wonders
- 52 Look at Aluminum, A
- 53 On the Move
- 55 Planning the Ideal Community
- 57 Democracy in Action
- 72 Air We Breathe
- 73 Waste Watchers
- 82 Resource-Go-Round
- 84 Global Climate, The
- 85 In the Driver's Seat
- 86 Our Changing World
- 92 A Look at Lifestyles

ENVIRONMENTAL IMPACT

- 20 Environmental Exchange Box
- 35 Loving It Too Much
- 36 Pollution Search
- 37 Reduce, Reuse, Recycle
- 38 Every Drop Counts
- 39 Energy Sleuths
- 45 Web of Life
- 46 Then and Now
- 50 400-Acre Wood
- 70 Soil Stories
- 71 Watch on Wetlands
- 72 Air We Breathe
- 77 Trees in Trouble
- 82 Resource-Go-Round
- 84 Global Climate, The

- 86 Our Changing World
- 87 Earth Manners
- 94 By the Rivers of Babylon
- 95 Did You Notice?

EROSION

- 44 Water Wonders
- 49 Tropical Treehouse
- 70 Soil Stories
- 71 Watch on Wetlands
- 96 Improve Your Place

EXPERIMENTS/DEMONSTRATIONS

- 28 Air Plants
- 29 Rain Reasons
- 31 Plant a Tree
- 41 How Plants Grow
- 42 Sunlight and Shades of Green
- 43 Have Seeds, Will Travel
- 44 Water Wonders
- 48 Field, Forest, and Stream
- 51 Make Your Own Paper
- 65 Bursting Buds
- 66 Germinating Giants
- 70 Soil Stories
- 71 Watch on Wetlands
- 77 Trees in Trouble
- 78 Signs of Fall
- 79 Tree Lifecycle
- 80 Nothings Succeeds Like Succession
- 81 Living with Fire

FIRE

- 69 Forest for the Trees
- 80 Nothing Succeeds Like Succession
- 81 Living with Fire

FOLKLORE

(See STORIES.)

FOOD

- 12 Invasive Species
- 13 We All Need Trees
- 15 Few of My Favorite Things, A
- 16 Pass the Plants, Please
- 17 People of the Forest
- 49 Tropical Treehouse
- 92 Look at Lifestyles, A

FOOD CHAINS/WEBS

- 16 Pass the Plants, Please
- 17 People of the Forest
- 23 Fallen Log, The
- 24 Nature's Recyclers
- 45 Web of Life
- 49 Tropical Treehouse
- 66 Germinating Giants
- 79 Tree Lifecycle

FOREST HEALTH

- 12 Invasive Species
- 34 Who Works in this Forest?
- 36 Pollution Search
- 76 Tree Cookies
- 77 Trees in Trouble
- 79 Tree Lifecycle
- 81 Living with Fire

FOREST PRODUCTS

- 13 We All Need Trees
- 15 Few of My Favorite Things, A
- 16 Pass the Plants, Please
- 30 Three Cheers for Trees
- 32 Forest of Many Uses, A
- 49 Tropical Treehouse
- 51 Make Your Own Paper
- 69 Forest for the Trees
- 82 Resource-Go-Round
- 83 Peek at Packaging, A
- 89 Trees for Many Reasons

FORESTRY PRACTICES

- 12 Invasive Species
- 13 We All Need Trees
- 27 Every Tree for Itself
- 32 Forest of Many Uses
- 33 Forest Consequences
- 34 Who Works in this Forest?
- 50 400-Acre Wood
- 67 How Big Is Your Tree?
- 69 Forest for the Trees
- 89 Trees for Many Reasons

GEOGRAPHY

- 7 Habitat Pen Pals
- 12 Invasive Species
- 17 People of the Forest
- 20 Environmental Exchange Box
- 29 Rain Reasons
- 49 Tropical Treehouse
- 71 Watch on Wetlands
- 82 Resource-Go-Round
- 88 Life on the Edge
- 94 By the Rivers of Babylon

GEOLOGY

- 48 Field, Forest, and Stream
- 52 Look at Aluminum, A
- 70 Soil Stories
- 72 Air We Breathe

GLOBAL CLIMATE CHANGE

- 31 Plant a Tree
- 73 Waste Watchers
- 84 Global Climate, The
- 85 In the Driver's Seat
- 86 Our Changing World

GLOBAL CONNECTIONS

- 12 Invasive Species
- 14 Renewable or Not?
- 49 Tropical Treehouse
- 73 Waste Watchers
- 84 Global Climate, The

GOVERNMENT

- 19 Viewpoints on the Line
- 55 Planning the Ideal Community
- 56 We Can Work It Out
- 57 Democracy in Action
- 58 There Ought to Be a Law
- 96 Improve Your Place

GROWTH RINGS, TREE

- 27 Every Tree For Itself
- 63 Tree Factory
- 76 Tree Cookies
- 79 Tree Lifecycle

HABITATS

- 6 Picture This!
- 7 Habitat Pen Pals
- 8 Forest of S.T. Shrew, The
- 9 Planet Diversity
- 11 Can It Be Real?
- 22 Trees as Habitats
- 23 Fallen Log, The
- 24 Nature's Recyclers
- 27 Every Tree for Itself
- 29 Rain Reasons
- 45 Web of Life
- 46 Schoolyard Safari
- 47 Are Vacant Lots Vacant?
- 48 Field, Forest and Stream
- 49 Tropical Treehouse
- 50 400-Acre Wood
- 71 Watch on Wetlands
- 88 Life on the Edge

HEALTH & NUTRITION

- 16 Pass the Plants, Please

HISTORY

- 40 Then and Now
- 76 Tree Cookies
- 86 Our Changing World
- 90 Native Ways
- 91 In the Good Old Days
- 92 Look at Lifestyles
- 93 Paper Civilizations
- 94 By the Rivers of Babylon
- 95 Did You Notice?

INTERDEPENDENCE

- 7 Habitat Pen Pals
- 9 Planet Diversity
- 11 Can it Be Real?
- 17 People of the Forest
- 22 Trees as Habitats
- 26 Dynamic Duos
- 45 Web of Life
- 49 Tropical Treehouse
- 79 Tree Lifecycle

INVENTORY (SPECIES)

- 9 Planet Diversity
- 12 Invasive Species
- 22 Trees as Habitats
- 23 Fallen Log, The
- 46 Schoolyard Safari
- 47 Are Vacant Lots Vacant?
- 71 Watch on Wetlands
- 80 Nothing Succeeds Like Succession

JOURNALING

- 4 Sounds Around
- 21 Adopt a Tree
- 29 Rain Reasons

- 78 Signs of Fall
- 80 Nothing Succeeds Like Succession

LAND USE

(See COMMUNITY & COMMUNITY PLANNING.)

LEAVES

- 1 Shape of Things, The
- 21 Adopt a Tree
- 61 Closer You Look, The
- 62 To Be a Tree
- 63 Tree Factory
- 64 Looking at Leaves
- 65 Bursting Buds
- 66 Germinating Giants
- 68 Name That Tree
- 78 Signs of Fall

LIFESTYLES

- 17 People of the Forest
- 19 Viewpoints on the Line
- 37 Reduce, Reuse, Recycle
- 38 Every Drop Counts
- 40 Then and Now
- 54 I'd Like to Visit a Place Where...
- 73 Waste Watchers
- 74 People, Places, Things
- 75 Tipi Talk
- 87 Earth Manners
- 89 Trees for Many Reasons
- 90 Native Ways
- 91 In the Good Old Days
- 92 Look at Lifestyles, A
- 94 By the Rivers of Babylon

LITERATURE, ENVIRONMENTAL

- 4 Sounds Around
- 5 Poet-Tree
- 8 Forest of S.T. Shrew, The
- 17 People of the Forest
- 18 Tale of the Sun
- 36 Pollution Search
- 80 Nothing Succeeds Like Succession
- 87 Earth Manners
- 89 Trees for Many Reasons
- 91 In the Good Old Days
- 92 Look at Lifestyles, A

MEASUREMENTS

- 4 Sounds Around
- 41 How Plants Grow
- 48 Field, Forest, and Stream
- 66 Germinating Giants
- 67 How Big Is Your Tree?
- 70 Soil Stories
- 71 Watch on Wetlands

MEDIA

- 20 Environmental Exchange Box
- 37 Reduce, Reuse, Recycle
- 59 Power of Print
- 60 Publicize It!
- 84 Global Climate, The
- 88 Life on the Edge
- 96 Improve Your Place

Index 5

MINERALS & MINING

- 14 Renewable or Not?
- 52 Look at Aluminum, A
- 70 Soil Stories
- 82 Resource-Go-Round

MUSIC

- 49 Tropical Treehouse
- 59 Power of Print
- 62 To Be a Tree
- 77 Trees in Trouble

NATIVE CULTURES

- 17 People of the Forest
- 18 Tale of the Sun
- 49 Tropical Treehouse
- 75 Tipi Talk
- 78 Signs of Fall
- 90 Native Ways
- 92 Look at Lifestyles, A

NON-NATIVE SPECIES

- 12 Invasive Species
- 24 Nature's Recyclers
- 29 Rain Reasons
- 47 Are Vacant Lots Vacant?

NONRENEWABLE RESOURCES

- 14 Renewable or Not?
- 15 Few of My Favorite Things, A
- 39 Energy Sleuths
- 52 Look at Aluminum, A
- 82 Resource-Go-Round
- 83 Peek at Packaging, A

OLD-GROWTH FORESTS

- 33 Forest Consequences
- 66 Germinating Giants

PACKAGING

- 13 We All Need Trees
- 52 Look at Aluminum, A
- 83 Peek at Packaging, A

PAPER

- 13 We All Need Trees
- 37 Reduce, Reuse, Recycle
- 51 Make Your Own Paper
- 93 Paper Civilizations

PARKS

- 35 Loving It Too Much
- 49 Tropical Treehouse
- 54 I'd Like to Visit a Place Where...
- 55 Planning the Ideal Community
- 60 Publicize It!

PHOTOSYNTHESIS

- 27 Every Tree for Itself
- 28 Air Plants
- 29 Rain Reasons
- 30 Three Cheers for Trees
- 31 Plant a Tree
- 41 How Plants Grow
- 42 Sunlight and Shades of Green
- 62 To Be a Tree
- 63 Tree Factory

- 77 Trees in Trouble
- 78 Signs of Fall
- 79 Tree Lifecycle
- 84 Global Climate, The

PLANT GROWTH

- 27 Every Tree for Itself
- 29 Rain Reasons
- 31 Plant a Tree
- 41 How Plants Grow
- 42 Sunlight and Shades of Green
- 43 Have Seeds, Will Travel
- 65 Bursting Buds
- 66 Germinating Giants
- 70 Soil Stories
- 77 Trees in Trouble
- 79 Tree Lifecycle

PLANT SUCCESSION

- 80 Nothing Succeeds Like Succession
- 81 Living with Fire

POETRY

- 4 Sounds Around
- 5 Poet-Tree
- 21 Adopt a Tree

POLITICS

(See GOVERNMENT.)

POLLUTION

- 35 Loving It Too Much
- 36 Pollution Search
- 39 Energy Sleuths
- 47 Are Vacant Lots Vacant?
- 51 Make Your Own Paper
- 52 Look at Aluminum, A
- 71 Watch on Wetlands
- 72 Air We Breathe
- 73 Waste Watchers
- 84 Global Climate, The
- 85 In the Driver's Seat
- 87 Earth Manners
- 96 Improve Your Place

POPULATION GROWTH

- 35 Loving It Too Much
- 86 Our Changing World
- 92 Look at Lifestyles, A

PRECIPITATION

- 29 Rain Reasons
- 41 How Plants Grow
- 44 Water Wonders
- 71 Watch on Wetlands

PREDATOR/PREY

- 7 Habitat Pen Pals
- 25 Birds and Worms
- 26 Dynamic Duos
- 45 Web of Life
- 88 Life on the Edge

RECREATION

- 32 Forest of Many Uses, A
- 34 Who Works in This Forest?
- 35 Loving It Too Much

- 50 400-Acre Wood
- 54 I'd Like to Visit a Place Where...
- 55 Planning the Ideal Community
- 87 Earth Manners

RECYCLING

- 14 Renewable or Not?
- 23 Fallen Log, The
- 24 Nature's Recyclers
- 37 Reduce, Reuse, Recycle
- 51 Make Your Own Paper
- 52 Look at Aluminum, A
- 81 Living with Fire

RENEWABLE RESOURCES

- 14 Renewable or Not?
- 15 Few of My Favorite Things, A
- 37 Reduce, Reuse, Recycle
- 39 Energy Sleuths
- 69 Forest for the Trees
- 82 Resource-Go-Round
- 83 Peek at Packaging, A
- 89 Trees for Many Reasons

SCHOOL HABITATS

- 1 The Shape of Things
- 2 Get in Touch with Trees
- 5 Poet-Tree
- 12 Invasive Species
- 16 Pass the Plants, Please
- 21 Adopt a Tree
- 22 Trees as Habitats
- 23 The Fallen Log
- 24 Nature's Recyclers
- 25 Birds and Worms
- 27 Every Tree for Itself
- 31 Plant a Tree
- 36 Pollution Search
- 41 How Plants Grow
- 42 Sunlight and Shades of Green
- 43 Have Seeds, Will Travel
- 44 Water Wonders
- 45 Web of Life
- 46 Schoolyard Safari
- 47 Are Vacant Lots Vacant?
- 48 Field, Forest, and Stream
- 61 The Closer You Look
- 64 Looking at Leaves
- 65 Bursting Buds
- 66 Germinating Giants
- 67 How Big is Your Tree?
- 68 Name that Tree
- 70 Soil Stories
- 71 Watch on Wetlands
- 78 Signs of Fall
- 79 Tree Lifecycle
- 87 Earth Manners
- 96 Improve Your Place

SEASONAL CHANGE

- 65 Bursting Buds
- 78 Signs of Fall

SEEDS

- 16 Pass the Plants, Please
- 43 Have Seeds, Will Travel
- 66 Germinating Giants
- 79 Tree Lifecycle

SENSES

- 1 Shape of Things, The
- 2 Get in Touch with Trees
- 3 Peppermint Beetle
- 4 Sounds Around
- 5 Poet-Tree
- 16 Pass the Plants, Please

SERVICE-LEARNING

- 4 Sounds Around
- 52 Look at Aluminum, A
- 54 I'd like to Visit a Place Where...
- 60 Publicize It!
- 72 Air We Breathe
- 96 Improve Your Place

SHELTERS

- 75 Tipi Talk
- 90 Native Ways
- 92 Look at Lifestyles, A

SHAPE

- 1 Shape of Things, The
- 61 Closer You Look, The
- 64 Looking at Leaves
- 75 Tipi Talk

SILVICULTURE

(See FORESTRY PRACTICES.)

SMELL

- 3 Peppermint Beetle
- 16 Pass the Plants, Please
- 20 Environmental Exchange Box
- 21 Adopt a Tree
- 36 Pollution Search
- 72 Air We Breathe

SOIL

- 8 Forest of S.T. Shrew, The
- 24 Nature's Recyclers
- 48 Field, Forest, and Stream
- 70 Soil Stories
- 71 Watch on Wetlands
- 77 Trees in Trouble

SOLID WASTE MANAGEMENT

- 37 Reduce, Reuse, Recycle
- 51 Make Your Own Paper
- 52 Look at Aluminum, A
- 82 Resource-Go-Round
- 83 Peek at Packaging, A

SOLAR ENERGY

- 14 Renewable or Not?
- 39 Energy Sleuths

SOUND

- 4 Sounds Around
- 36 Pollution Search

SPRAWL

- 33 Forest Consequences
- 40 Then and Now
- 86 Our Changing World
- 95 Did You Notice?

STEWARDSHIP

- 21 Adopt a Tree
- 31 Plant a Tree
- 50 400-Acre Wood
- 69 Forest for the Trees
- 71 Watch on Wetlands
- 77 Trees in Trouble
- 87 Earth Manners
- 96 Improve Your Place

STORIES (MYTHS, FABLES, LEGENDS, FOLKLORE)

- 4 Sounds Around
- 7 Habitat Pen Pals
- 8 Forest of S.T. Shrew, The
- 18 Tale of the Sun
- 77 Trees in Trouble
- 78 Signs of Fall
- 92 Look at Lifestyles, A

SUCCESSION

- 48 Field, Forest, and Stream
- 69 Forest for the Trees
- 80 Nothing Succeeds Like Succession
- 81 Living with Fire

SUNLIGHT

- 27 Every Tree For Itself
- 41 How Plants Grow
- 42 Sunlight and Shades of Green
- 48 Field, Forest, and Stream

SUSTAINABILITY

- 13 We All Need Trees
- 14 Renewable or Not?
- 33 Forest Consequences
- 37 Reduce, Reuse, Recycle
- 39 Energy Sleuths
- 50 400-Acre Wood
- 69 Forest for the Trees
- 82 Resource-Go-Round
- 91 In the Good Old Days
- 94 By the Rivers of Babylon

SYMBIOTIC RELATIONSHIPS

- 7 Habitat Pen Pals
- 8 Forest of S.T. Shrew, The
- 11 Can It Be Real?
- 26 Dynamic Duos

TASTE

- 3 Peppermint Beetle
- 16 Pass the Plants, Please

TERRITORIES (ANIMAL)

- 3 Peppermint Beetle
- 7 Habitat Pen Pals

TOUCH (TEXTURES)

- 2 Get in Touch with Trees
- 21 Adopt a Tree
- 51 Make Your Own Paper
- 64 Looking at Leaves
- 68 Name That Tree
- 70 Soil Stories

TRANSPORTATION

- 4 Sounds Around
- 36 Pollution Search
- 39 Energy Sleuths
- 40 Then and Now
- 52 Look at Aluminum, A
- 53 On the Move
- 55 Planning the Ideal Community
- 56 We Can Work It Out
- 72 Air We Breathe
- 73 Waste Watchers
- 82 Resource-Go-Round
- 83 Peek at Packaging, A
- 85 In the Driver's Seat

TREE FARM

- 32 A Forest of Many Uses
- 60 Publicize It!
- 69 Forest for the Trees

TREES

- 2 Get in Touch with Trees
- 5 Poet-Tree
- 12 Invasive Species
- 13 We All Need Trees
- 15 Few of My Favorite Things, A
- 16 Pass the Plants, Please
- 21 Adopt a Tree
- 22 Trees as Habitats
- 27 Every Tree For Itself
- 30 Three Cheers for Trees!
- 31 Plant a Tree
- 49 Tropical Treehouse
- 61 Closer You Look, The
- 62 To Be a Tree
- 63 Tree Factory
- 64 Looking at Leaves
- 65 Bursting Buds
- 66 Germinating Giants
- 67 How Big Is Your Tree?
- 68 Name That Tree
- 76 Tree Cookies
- 77 Trees in Trouble
- 78 Signs of Fall
- 79 Tree Lifecycle
- 81 Living with Fire
- 89 Trees for Many Reasons

TREES—CONIFEROUS AND DECIDUOUS

- 64 Looking at Leaves
- 67 How Big Is Your Tree?
- 68 Name that Tree
- 78 Signs of Fall

TREE PARTS

- 61 Closer You Look, The
- 62 To Be a Tree
- 63 Tree Factory
- 76 Tree Cookies

TREE PLANTING

- 21 Adopt a Tree
- 30 Three Cheers for Trees
- 31 Plant a Tree
- 41 How Plants Grow
- 43 Have Seeds, Will Travel
- 61 Closer You Look, The
- 66 Germinating Giants

Index 6

- 70 Soil Stories
- 77 Trees in Trouble

TROPICAL FORESTS

- 11 Can It Be Real?
- 13 We All Need Trees
- 17 People of the Forest
- 29 Rain Reasons
- 49 Tropical Treehouse

URBAN ENVIRONMENT

- 1 Shape of Things, The
- 4 Sounds Around
- 9 Planet Diversity
- 21 Adopt a Tree
- 22 Trees as Habitats
- 23 Fallen Log, The
- 30 Three Cheers for Trees
- 31 Plant a Tree
- 36 Pollution Search
- 40 Then and Now
- 46 Schoolyard Safari
- 47 Are Vacant Lots Vacant?
- 53 On the Move
- 54 I'd Like to Visit a Place Where...
- 55 Planning the Ideal Community
- 70 Soil Stories
- 71 Watch on Wetlands
- 77 Trees in Trouble
- 74 People, Places, Things
- 80 Nothing Succeeds Like Succession

VALUES

- 19 Viewpoints on the Line
- 33 Forest Consequences
- 40 Then and Now
- 50 400-Acre Wood
- 54 I'd Like to Visit a Place Where...
- 56 We Can Work It Out
- 57 Democracy in Action
- 87 Earth Manners
- 89 Trees for Many Reasons
- 90 Native Ways
- 91 In the Good Old Days
- 92 Look at Lifestyles, A

WATER

- 14 Renewable or Not?
- 36 Pollution Search
- 38 Every Drop Counts
- 44 Water Wonders
- 48 Field, Forest, and Stream
- 71 Watch on Wetlands

WATERSHEDS

- 44 Water Wonders
- 71 Watch on Wetlands

WETLANDS

- 71 Watch on Wetlands

WILDERNESS

- 33 Forest Consequences
- 35 Loving It Too Much
- 50 400-Acre Wood
- 54 I'd Like to Visit a Place Where...
- 88 Life on the Edge

WILDLIFE (MANAGEMENT)

- 22 Trees as Habitats
- 32 Forest of Many Uses, A
- 35 Loving It Too Much
- 50 400-Acre Wood
- 81 Living with Fire
- 87 Earth Manners

WIND

- 14 Renewable or Not?
- 39 Energy Sleuths
- 48 Field, Forest, and Stream

ZOOS & AQUARIUMS

- 6 Picture This!
- 11 Can It Be Real?
- 49 Tropical Treehouse
- 88 Life on the Edge

Index 6: Skills Index

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; There Ought to Be a Law; Trees as Habitats; Trees in Trouble; Watch on Wetlands; We All Need Trees; By the Rivers of Babylon

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; 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; Schoolyard 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; Trees for Many Reasons; Viewpoints on the Line; Waste Watchers

Formulating Questions

Environmental Exchange Box; Our Changing World; A Peek at Packaging; Plant a Tree; Then and Now; Who Works in This Forest?

Generalizing

Pollution Search; Then and Now

Identifying Attributes and Components

Bursting Buds; Charting Diversity; The Closer You Look; Energy Sleuths; Germinating Giants; Looking at Leaves; Name that Tree; Native Ways; Nothing Succeeds Like Succession; Pass the Plants, Please; Planning the Ideal Community; The Shape of Things; Soil Stories; Tipi Talk; Three Cheers for Trees; To Be a Tree; Invasive Species; Tree Factory; Watch on Wetlands; Who Works in this Forest?

Identifying Main Ideas

400-Acre Wood; Forest for the Trees; In the Good Old Days; Publicize It!; Trees for Many Reasons

Identifying Relationships and Patterns

Are Vacant Lots Vacant?; Birds and Worms; Can It Be Real?; Did You Notice?; Every Tree for Itself; Field, Forest, and Stream; The Global Climate; In the Driver's Seat; Native Ways; Nature's Recyclers; Nothing Succeeds Like Succession; Peppermint Beetle; Signs of Fall; Sounds Around; Tree Cookies; Tree Lifecycle; Trees as Habitats; Web of Life

Inferring

Air We Breathe; Can It Be Real?; Have Seeds, Will Travel; Nature's Recyclers; Power of Print; Rain Reasons, Signs of Fall; Sunlight and Shades of Green; Trees as Habitats; Watch on Wetlands

Interpreting

Air We Breathe; The Closer You Look; In the Good Old Days; Loving It Too Much; Native Ways; Picture This!; Renewable or Not?; Schoolyard Safari; Tale of the Sun; Tree Cookies; Tropical Treehouse; Watch on Wetlands; We All Need Trees

Making Analogies and Metaphors

Get in Touch with Trees; A Look at Aluminum

Observing

Adopt a Tree; Air We Breathe; Are Vacant Lots Vacant?; Bursting Buds; The Closer You Look; Environmental Exchange Box; The Fallen Log; Field, Forest, and Stream; Get in Touch with Trees; The Global Climate; Have Seeds, Will

Travel; How Plants Grow; How Big Is Your Tree?; I'd Like to Visit a Place Where...; Living with Fire; Make Your Own Paper; Nature's Recyclers; Nothing Succeeds Like Succession; A Peek at Packaging; People, Places, Things; Picture This!; Planet Diversity; Poet-Tree; Pollution Search; Rain Reasons; Schoolyard Safari; The Shape of Things; Signs of Fall; Soil Stories; Sunlight and Shades of Green; Tale of the Sun; Tipi Talk; Tree Cookies; Trees as Habitats; Trees in Trouble; Waste Watchers

Ordering and Arranging

Bursting Buds; A Look at Aluminum; To Be a Tree; Tree Factory; Tree Lifecycle

Organizing Information

Adopt a Tree; Are Vacant Lots Vacant?; Energy Sleuths; Every Drop Counts; The Fallen Log; Field, Forest, and Stream; Habitat Pen Pals; Have Seeds, Will Travel; How Plants Grow; A Look at Lifestyles; Make Your Own Paper; Nature's Recyclers; Pass the Plants, Please; People of the Forest; Planet Diversity; Pollution Search; Resource-Go-Round; The Shape of Things; Sounds Around; Trees as Habitats; Water Wonders

Predicting

Air Plants; Birds and Worms; Can It Be Real?; Every Tree for Itself; Every Drop Counts; The Global Climate; How Plants Grow; Loving It Too Much; Rain Reasons; Renewable or Not?; Trees as Habitats; Water Wonders; Web of Life

Principle Forming

Earth Manners; Viewpoints on the Line

Problem Solving

400-Acre Wood; Air We Breathe; Democracy in Action; Every Drop Counts; Forest Consequences; Forest for the Trees; Germinating Giants; The Global Climate; I'd Like to Visit a Place Where...; Improve Your Place; Pollution Search; Power of Print; Rain Reasons; Sounds Around; Then and Now; Trees in Trouble; Waste Watchers; We Can Work It Out

Reasoning

Adopt a Tree; Dynamic Duos; A Look at Lifestyles; Peppermint Beetle; Reduce, Reuse, Recycle; Tropical Treehouse

Representing

Air Plants; Environmental Exchange Box; The Fallen Log; A Few of My Favorite Things; Loving it Too Much; People of the Forest; People, Places, Things; Planning the Ideal Community; Renewable or Not?; To Be a Tree; Tree Factory; Tree Lifecycle; Who Works in this Forest?

Researching

By the Rivers of Babylon; Charting Diversity; Democracy in Action; Did You Notice?; Earth Manners; Energy Sleuths; The Global Climate; Habitat Pen Pals; In the Good Old Days; Invasive Species; Life on the Edge; A Look at Lifestyles; Pass the Plants, Please; People of the Forest; Plant a Tree; Resource-Go-Round; Then and Now; There Ought to Be a Law; Tree Cookies; Trees in Trouble; Tropical Treehouse; Web of Life

Restructuring

A Look at Aluminum; Planning the Ideal Community

Summarizing

Energy Sleuths; Living with Fire; People, Places, Things

Synthesizing and Creating

Forest for the Trees; Invasive Species; Life on the Edge; On the Move; Planning the Ideal Community; Power of Print

Translating

How Big Is Your Tree?

Verifying

Air Plants; Rain Reasons

