

Secondary Modules

Introductory Handbook For The Secondary Modules

1. Renewable or Not

Science
Standard 1.0 Skills and Processes
A. Constructing Knowledge 1. a,b,e
Standard 3.0- Life Science
A. Diversity of Life 1. a,b,c,d,
D. Evolution 1. a, b, d
E. Ecology 1.
Standard 6.0 Environmental Science
A. Natural Resources and Human Needs
1. a, b

Subjects Science, Social Studies

Social Studies
Standard 1.0 History
Topic A 1
Indicator 1
Standard 3.0 Economics
Topic A Indicator 1 a, b

2. Environmental Exchange Box

Science
Standard 1.0 Skills and Processes
A. Constructing Knowledge 1. a,b,e
Standard 3.0- Life Science
A. Diversity of Life 1. a,b,c,d,
D. Evolution 1. a, b, d
E. Ecology 1.
Standard 6.0 Environmental Science
A. Natural Resources and Human Needs
1. a, b

Subjects Science, Social Studies

Social Studies
Standard 1.0 History
Topic A 1
Indicator 1
Standard 3.0 Economics
Topic A Indicator 1 a, b

3. Trees as Habitats

Science
Standard 1.0 Skills and Processes
A. Constructing Knowledge 1. a,b,e
Standard 3.0- Life Science
A. Diversity of Life 1. a,b,c,d,
D. Evolution 1. a, b, c, d
E. Ecology 1.
Standard 6.0 Environmental Science
A. Natural Resources and Human Needs
1. a, b

Subjects Science, Math, Social Studies

Math
Standard 3.0 Knowledge of Measurement
Topic B Measurement Tools 1 b
Standard 4.0 Knowledge of Statistics
A Data Displays
a, b, d
B Data Analysis
2 a

Social Studies
Standard 1.0 History
Topic A 1

Indicator 1
Standard 3.0 Economics
Topic A Indicator 1 a, b

4. Energy Sleuths

Science
Standard 1.0 Skills and Processes
A. Constructing Knowledge 1. a,b,e
Standard 3.0- Life Science
A. Diversity of Life 1. a,b,c,d,
D. Evolution 1. a, b, d
E. Ecology 1.
Standard 6.0 Environmental Science
A. Natural Resources and Human Needs
1. a, b

5. 400-Acre Wood

Science
Standard 1.0 Skills and Processes
A. Constructing Knowledge 1. a,b,e
Standard 3.0- Life Science
A. Diversity of Life 1. a,b,c,d,
D. Evolution 1. a, b, c, d
E. Ecology 1.
Standard 6.0 Environmental Science
A. Natural Resources and Human Needs
1. a, b

Social Studies
Standard 1.0 History
Topic A 1
Indicator 1
Standard 3.0 Economics

6. Democracy in Action

Social Studies
Standard 1.0 History
Topic A 1
Indicator 1
Standard 4.0 Political Science
Topic A 4
Indicator a
Topic A 5
Indicator a, b

Subjects Science, Social Studies

Social Studies
Standard 1.0 History
Topic A 1
Indicator 1
Standard 3.0 Economics
Topic A Indicator 1 a, b

Subjects Science, Math, Social Studies

Math
Standard 3.0 Knowledge of Measurement
Topic B Measurement Tools 1 b
Standard 4.0 Knowledge of Statistics
A Data Displays
a, b, d
B Data Analysis
2 a

Subjects Social Studies

7. Watch on Wetlands

Science

Standard 1.0 Skills and Processes

A. Constructing Knowledge 1. a,b,e

Standard 3.0- Life Science

A. Diversity of Life 1. a,b,c,d,

D. Evolution 1. a, b, d

E. Ecology 1.

Standard 6.0 Environmental Science

A. Natural Resources and Human Needs

1. a, b

Reading/Language Arts

Standard 1.0 General Reading Processes

Topic D Vocabulary 2, 3

Topic E General Reading Comprehension

1, 2, 3, 4

Standard 2.0 Comprehension of Informational
Texts

Topic A Comprehension of Informational
Texts

Indicator 1 a, b, c

Indicator 6 a, b, c, d, e, f

Standard 4.0 Writing

Topic A Writing 2. a, b, c, d, f

Standard 7.0 Speaking

Topic A Speaking

Indicator 1 a, b, c

Subjects

Science, Social Studies, Language Arts

Social Studies

Standard 1.0 History

Topic A 1

Indicator 1

Standard 3.0 Economics

Topic A Indicator 1 a, b

8. Waste Watchers

Science

Standard 1.0 Skills and Processes

A. Constructing Knowledge 1. a,b,e

Standard 3.0- Life Science

A. Diversity of Life 1. a,b,c,d,

D. Evolution 1. a, b, c, d

E. Ecology 1.

Standard 6.0 Environmental Science

A. Natural Resources and Human Needs

1. a, b

Social Studies

Standard 1.0 History

Topic A 1

Indicator 1

Subjects

Science, Math, Social Studies

Math

Standard 3.0 Knowledge of Measurement

Topic B Measurement Tools 1 b

Standard 4.0 Knowledge of Statistics

A Data Displays

a, b, d

B Data Analysis

2 a

Standard 3.0 Economics

9. A Look at Lifestyles

Science

Standard 1.0 Skills and Processes

A. Constructing Knowledge 1. a,b,e

Standard 3.0- Life Science

A. Diversity of Life 1. a,b,c,d,

D. Evolution 1. a, b, c, d

E. Ecology 1.

Standard 6.0 Environmental Science

A. Natural Resources and Human Needs

1. a, b

Social Studies

Standard 1.0 History

Topic A 1

Indicator 1

Standard 3.0 Economics

10. Improve Your Place

Science

Standard 1.0 Skills and Processes

A. Constructing Knowledge 1. a,b,e

Standard 3.0- Life Science

A. Diversity of Life 1. a,b,c,d,

D. Evolution 1. a, b, d

E. Ecology 1.

Standard 6.0 Environmental Science

A. Natural Resources and Human Needs

1. a, b

Subjects

Science, Math, Social Studies

Math

Standard 3.0 Knowledge of Measurement

Topic B Measurement Tools 1 b

Standard 4.0 Knowledge of Statistics

A Data Displays

a, b, d

B Data Analysis

2 a

Subjects

Science, Social Studies

Social Studies

Standard 1.0 History

Topic A 1

Indicator 1

Standard 3.0 Economics

Topic A Indicator 1 a, b

Secondary Module: Focus On Forests

1. What's a Forest to You?

Social Studies
Standard 1.0 History
Topic A 1
Indicator 1
Standard 3.0 Economics

Subjects
Social Studies, Environmental Science,
Economics

2. Old-Growth Forests

Science
Standard 1.0 Skills and Processes
A. Constructing Knowledge 1. a,b,e
Standard 3.0- Life Science
A. Diversity of Life 1. a,b,c,d,
D. Evolution 1. a, b, d
E. Ecology 1.
Standard 6.0 Environmental Science
A. Natural Resources and Human Needs
1. a, b

Subjects
Social Studies, Science

Social Studies
Standard 1.0 History
Topic A 1
Indicator 1
Standard 3.0 Economics
Topic A Indicator 1 a, b

3. Tough Choices

Science
Standard 1.0 Skills and Processes
A. Constructing Knowledge 1. a,b,e
Standard 3.0- Life Science
A. Diversity of Life 1. a,b,c,d,
D. Evolution 1. a, b, d
E. Ecology 1.
Standard 6.0 Environmental Science
A. Natural Resources and Human Needs
1. a, b

Subjects
Science, Social Studies, Language Arts

Social Studies
Standard 1.0 History
Topic A 1
Indicator 1
Standard 3.0 Economics
Topic A Indicator 1 a, b

Reading/Language Arts
Standard 1.0 General Reading Processes
Topic D Vocabulary 2, 3
Topic E General Reading Comprehension
1, 2, 3, 4
Standard 2.0 Comprehension of Informational
Texts
Topic A Comprehension of Informational
Texts
Indicator 1 a, b, c

Indicator 6 a, b, c, d, e, f
Standard 4.0 Writing
Topic A Writing 2. a, b ,c, d ,f
Standard 7.0 Speaking
Topic A Speaking
Indicator 1 a, b, c

4. Who Owns America's Forests?

Subjects
Social Studies, Geography, Math

Math
Standard 3.0 Knowledge of Measurement
Standard 4.0 Knowledge of Statistics
A Data Displays
a, b, d
B Data Analysis
2 a

Social Studies
Standard 1.0 History
Topic A 1
Indicator 1
Standard 3.0 Economics

5. Balancing America's Forests

Subjects
Social Studies

Social Studies
Standard 1.0 History
Topic A 1
Indicator 1
Standard 3.0 Economics

6. Squirrels vs Scopes

Subjects
Social Studies, Language Arts

Reading/Language Arts
Standard 1.0 General Reading Processes
Topic D Vocabulary 2, 3
Topic E General Reading Comprehension
1, 2, 3, 4
Standard 2.0 Comprehension of Informational
Texts
Topic A Comprehension of Informational
Texts
Indicator 1 a, b, c
Indicator 6 a, b, c, d, e, f
Standard 4.0 Writing
Topic A Writing 2. a, b ,c, d ,f
Standard 7.0 Speaking
Topic A Speaking
Indicator 1 a, b, c

Social Studies
Standard 1.0 History
Topic A 1
Indicator 1
Standard 3.0 Economics

7. Words to Live By

Subjects
Social Studies, Language Arts

Reading/Language Arts
Standard 1.0 General Reading Processes
Topic D Vocabulary 2, 3
Topic E General Reading Comprehension
1, 2, 3, 4
Standard 2.0 Comprehension of Informational
Texts
Topic A Comprehension of Informational
Texts
Indicator 1 a, b, c
Indicator 6 a, b, c, d, e, f
Standard 4.0 Writing
Topic A Writing 2. a, b, c, d, f
Standard 7.0 Speaking
Topic A Speaking
Indicator 1 a, b, c

Social Studies
Standard 1.0 History
Topic A 1
Indicator 1
Standard 3.0 Economics

8. Take Action

Subjects
Social Studies

Social Studies
Standard 1.0 History
Topic A 1
Indicator 1
Standard 4.0 Political Science
Topic A 4
Indicator a
Topic A 5
Indicator a, b

Secondary Module: Forest Ecology

1. Adopt a Forest

Science
Standard 1.0 Skills and Processes
A. Constructing Knowledge 1. a,b,e
Standard 3.0- Life Science
A. Diversity of Life 1. a,b,c,d,
D. Evolution 1. a, b, c, d
E. Ecology 1.
Standard 6.0 Environmental Science
A. Natural Resources and Human Needs
1. a, b

2. Cast of Thousands

Science
Standard 1.0 Skills and Processes
A. Constructing Knowledge 1. a,b,e
Standard 3.0- Life Science
A. Diversity of Life 1. a,b,c,d,
D. Evolution 1. a, b, d
E. Ecology 1.
Standard 6.0 Environmental Science
A. Natural Resources and Human Needs
1. a, b

Social Studies

Standard 1.0 History
Topic A 1
Indicator 1
Standard 4.0 Political Science
Topic A 4
Indicator a
Topic A 5
Indicator a, b

Reading/Language Arts

Standard 1.0 General Reading Processes
Topic D Vocabulary 2, 3
Topic E General Reading Comprehension
1, 2, 3, 4
Standard 2.0 Comprehension of Informational
Texts
Topic A Comprehension of Informational
Texts
Indicator 1 a, b, c

Subjects

Environmental Science, Math

Math
Standard 3.0 Knowledge of Measurement
Topic B Measurement Tools 1 b
Standard 4.0 Knowledge of Statistics
A Data Displays
a, b, d
B Data Analysis
2 a

Subjects

Language Arts, Environmental Science, Math Social Studies

Math
Standard 3.0 Knowledge of Measurement
Standard 4.0 Knowledge of Statistics
A Data Displays
a, b, d
B Data Analysis
2 a

Indicator 6 a, b, c, d, e, f
Standard 4.0 Writing
Topic A Writing 2. a, b, c, d, f
Standard 7.0 Speaking
Topic A Speaking
Indicator 1 a, b, c

Social Studies
Standard 1.0 History
Topic A 1
Indicator 1
Standard 3.0 Economics

3. The Nature of Plants

Subjects
Environmental Science

Science
Standard 1.0 Skills and Processes
A. Constructing Knowledge 1. a, b, e
Standard 3.0- Life Science
A. Diversity of Life 1. a, b, c, d,
D. Evolution 1. a, b, d
E. Ecology 1.
Standard 6.0 Environmental Science
A. Natural Resources and Human Needs
1. a, b

4. Home Sweet Home

Subjects
Science, Ecology, Geography

Science
Standard 1.0 Skills and Processes
A. Constructing Knowledge 1. a, b, e
Standard 3.0- Life Science
A. Diversity of Life 1. a, b, c, d,
D. Evolution 1. a, b, d
E. Ecology 1.
Standard 6.0 Environmental Science
A. Natural Resources and Human Needs
1. a, b

Social Studies
Standard 1.0 History
Topic A 1
Indicator 1
Standard 3.0 Economics
Topic A Indicator 1 a, b

5. Saga of the Gypsy Moth

Subjects
Social Studies, Language Arts,
Environmental Science

Reading/Language Arts
Standard 1.0 General Reading Processes
Topic D Vocabulary 2, 3
Topic E General Reading Comprehension
1, 2, 3, 4
Standard 2.0 Comprehension of Informational
Texts
Topic A Comprehension of Informational

Texts
Indicator 1 a, b, c
Indicator 6 a, b, c, d, e, f
Standard 4.0 Writing
Topic A Writing 2. a, b, c, d, f
Standard 7.0 Speaking
Topic A Speaking
Indicator 1 a, b, c

Social Studies
Standard 1.0 History
Topic A 1
Indicator 1
Standard 3.0 Economics

Science
Standard 1.0 Skills and Processes
A. Constructing Knowledge 1. a, b, e
Standard 3.0- Life Science
A. Diversity of Life 1. a, b, c, d,
D. Evolution 1. a, b, d
E. Ecology 1.
Standard 6.0 Environmental Science
A. Natural Resources and Human Needs
1. a, b

6. Story of Succession

Science
Standard 1.0 Skills and Processes
A. Constructing Knowledge 1. a, b, e
Standard 3.0- Life Science
A. Diversity of Life 1. a, b, c, d,
D. Evolution 1. a, b, d
E. Ecology 1.
Standard 6.0 Environmental Science
A. Natural Resources and Human Needs
1. a, b

7. Understanding Fire

Science
Standard 1.0 Skills and Processes
A. Constructing Knowledge 1. a, b, e
Standard 3.0- Life Science
A. Diversity of Life 1. a, b, c, d,
D. Evolution 1. a, b, d

Subjects Ecology, Environmental Science, Math

Math
Standard 3.0 Knowledge of Measurement
Standard 4.0 Knowledge of Statistics
A Data Displays
a, b, d
B Data Analysis
2 a

Subjects Ecology, Environmental Science, Math, Social Studies

Math
Standard 3.0 Knowledge of Measurement
Standard 4.0 Knowledge of Statistics
A Data Displays
a, b, d

E. Ecology 1.
Standard 6.0 Environmental Science
A. Natural Resources and Human Needs
1. a, b
Social Studies
Standard 1.0 History
Topic A 1
Indicator 1
Standard 3.0 Economics

B Data Analysis 2 a

8. Fire Management

Social Studies
Standard 1.0 History
Topic A 1
Indicator 1
Standard 3.0 Economics
Science
Standard 1.0 Skills and Processes
A. Constructing Knowledge 1. a,b,e
Standard 3.0- Life Science
A. Diversity of Life 1. a,b,c,d,
D. Evolution 1. a, b, d
E. Ecology 1.
Standard 6.0 Environmental Science
A. Natural Resources and Human Needs
1. a, b

Subjects

Environmental Science, Social Studies

Secondary Module: Focus on Risk

1. What is Risk?

Reading/Language Arts
Standard 1.0 General Reading Processes
Topic D Vocabulary 2, 3
Topic E General Reading Comprehension
1, 2, 3, 4
Standard 2.0 Comprehension of Informational
Texts
Topic A Comprehension of Informational
Texts
Indicator 1 a, b, c
Indicator 6 a, b, c, d, e, f
Standard 4.0 Writing
Topic A Writing 2. a, b, c, d, f
Standard 7.0 Speaking
Topic A Speaking
Indicator 1 a, b, c

Social Studies
Standard 1.0 History
Topic A 1
Indicator 1
Standard 3.0 Economics

Science
Standard 1.0 Skills and Processes
A. Constructing Knowledge 1. a, b, e
Standard 3.0- Life Science
A. Diversity of Life 1. a, b, c, d,
D. Evolution 1. a, b, d
E. Ecology 1.
Standard 6.0 Environmental Science
A. Natural Resources and Human Needs
1. a, b

Subjects
Social Studies, Language Arts,
Environmental Science

2. Things Aren't Always What They Seem

Reading/Language Arts
Standard 1.0 General Reading Processes
Topic D Vocabulary 2, 3
Topic E General Reading Comprehension
1, 2, 3, 4
Standard 2.0 Comprehension of Informational
Texts

Subjects
Social Studies, Language Arts,
Environmental Science

Topic A Comprehension of Informational Texts

Indicator 1 a, b, c

Indicator 6 a, b, c, d, e, f

Standard 4.0 Writing

Topic A Writing 2. a, b, c, d, f

Standard 7.0 Speaking

Topic A Speaking

Indicator 1 a, b, c

Social Studies

Standard 1.0 History

Topic A 1

Indicator 1

Standard 3.0 Economics

Science

Standard 1.0 Skills and Processes

A. Constructing Knowledge 1. a, b, e

Standard 3.0- Life Science

A. Diversity of Life 1. a, b, c, d,

D. Evolution 1. a, b, d

E. Ecology 1.

Standard 6.0 Environmental Science

A. Natural Resources and Human Needs

1. a, b

3. Chances Are...Understanding Probability and Risk

**Subjects
Math, Science**

Science

Standard 1.0 Skills and Processes

A. Constructing Knowledge 1. a, b, e

Standard 3.0- Life Science

A. Diversity of Life 1. a, b, c, d,

D. Evolution 1. a, b, c, d

E. Ecology 1.

Standard 6.0 Environmental Science

A. Natural Resources and Human Needs

1. a, b

4. Risk Assessment: Tools of the Trade

Math

Standard 3.0 Knowledge of Measurement

Topic B Measurement Tools 1 b

Standard 4.0 Knowledge of Statistics

A Data Displays

a, b, d

B Data Analysis

2 a

**Subjects
Language Arts,
Environmental Science**

Reading/Language Arts

Standard 1.0 General Reading Processes

Topic D Vocabulary 2, 3

Topic E General Reading Comprehension

1, 2, 3, 4

Standard 2.0 Comprehension of Informational Texts

Topic A Comprehension of Informational
Texts

Indicator 1 a, b, c

Indicator 6 a, b, c, d, e, f

Standard 4.0 Writing

Topic A Writing 2. a, b, c, d, f

Standard 7.0 Speaking

Topic A Speaking

Indicator 1 a, b, c

Science

Standard 1.0 Skills and Processes

A. Constructing Knowledge 1. a, b, e

Standard 3.0- Life Science

A. Diversity of Life 1. a, b, c, d,

D. Evolution 1. a, b, d

E. Ecology 1.

Standard 6.0 Environmental Science

A. Natural Resources and Human Needs

1. a, b

5. Communicating Risk

Science

Standard 1.0 Skills and Processes

A. Constructing Knowledge 1. a, b, e

Standard 3.0- Life Science

A. Diversity of Life 1. a, b, c, d,

D. Evolution 1. a, b, c, d

E. Ecology 1.

Standard 6.0 Environmental Science

A. Natural Resources and Human Needs

1. a, b

Reading/Language Arts

Standard 1.0 General Reading Processes

Topic D Vocabulary 2, 3

Topic E General Reading Comprehension

1, 2, 3, 4

Standard 2.0 Comprehension of Informational
Texts

Topic A Comprehension of Informational
Texts

Indicator 1 a, b, c

Indicator 6 a, b, c, d, e, f

Standard 4.0 Writing

Topic A Writing 2. a, b, c, d, f

Standard 7.0 Speaking

Topic A Speaking

Subjects

Language Arts, Math, Science

Social Studies

Math

Standard 3.0 Knowledge of Measurement

Topic B Measurement Tools 1 b

Standard 4.0 Knowledge of Statistics

A Data Displays

a, b, d

B Data Analysis

2 a

Indicator 1 a, b, c

Social Studies
Standard 1.0 History
Topic A 1
Indicator 1
Standard 3.0 Economics

6. Weighing the Options: A Look at Tradeoffs

Subjects

**Language Arts, Math, Science
Social Studies**

Science
Standard 1.0 Skills and Processes
A. Constructing Knowledge 1. a,b,e
Standard 3.0- Life Science
A. Diversity of Life 1. a,b,c,d,
D. Evolution 1. a, b, c, d
E. Ecology 1.
Standard 6.0 Environmental Science
A. Natural Resources and Human Needs
1. a, b

Math
Standard 3.0 Knowledge of Measurement
Topic B Measurement Tools 1 b
Standard 4.0 Knowledge of Statistics
A Data Displays
a, b, d
B Data Analysis
2 a

Reading/Language Arts
Standard 1.0 General Reading Processes
Topic D Vocabulary 2, 3
Topic E General Reading Comprehension
1, 2, 3, 4
Standard 2.0 Comprehension of Informational
Texts
Topic A Comprehension of Informational
Texts
Indicator 1 a, b, c
Indicator 6 a, b, c, d, e, f
Standard 4.0 Writing
Topic A Writing 2. a, b ,c, d ,f
Standard 7.0 Speaking
Topic A Speaking
Indicator 1 a, b, c

Social Studies
Standard 1.0 History
Topic A 1
Indicator 1
Standard 3.0 Economics

7. Decision Making

Subjects

**Language Arts, Math, Science
Social Studies**

Science
Standard 1.0 Skills and Processes

Math
Standard 3.0 Knowledge of Measurement

A. Constructing Knowledge 1. a,b,e
Standard 3.0- Life Science
A. Diversity of Life 1. a,b,c,d,
D. Evolution 1. a, b, c, d
E. Ecology 1.
Standard 6.0 Environmental Science
A. Natural Resources and Human Needs
1. a, b

Topic B Measurement Tools 1 b
Standard 4.0 Knowledge of Statistics
A Data Displays
a, b, d
B Data Analysis
2 a

Reading/Language Arts
Standard 1.0 General Reading Processes
Topic D Vocabulary 2, 3
Topic E General Reading Comprehension
1, 2, 3, 4
Standard 2.0 Comprehension of Informational
Texts
Topic A Comprehension of Informational
Texts
Indicator 1 a, b, c
Indicator 6 a, b, c, d, e, f
Standard 4.0 Writing
Topic A Writing 2. a, b ,c, d ,f
Standard 7.0 Speaking
Topic A Speaking
Indicator 1 a, b, c

Social Studies
Standard 1.0 History
Topic A 1
Indicator 1
Standard 3.0 Economics