Theme 3: Changing Lifestyles!

REACH Curriculum Map for Grades K–1

Unit 7: Your Environment

**Learning Outcomes:**
On successful completion of this unit, students will be able to:

A. Understand what an environment is
B. Understand plant and animal adaptation
C. Use scientific processes and inquiry to directly support the concepts of living things

**Lesson 14:**
What is an environment?

**Lesson 15:**
What helps plants and animals live in places?

**Lesson 16:**
How do plants and animals need each other?

**Aligns to:**
1st grade sequence #4: Living Things (Animals)
HSP I: Ch. 3, Lessons 1–3

Unit 8: Natural Resources

**Learning Outcomes:**
On successful completion of this unit, students will be able to:

A. Understand what a natural resource is
B. Understand how we can protect natural resources
C. Use scientific processes to directly support the concepts of natural resources

**Lesson 17:**
What is a natural resource?

**Lesson 18:**
How can we protect natural resources?

**Aligns to:**
1st grade sequence #8: Natural Resources
HSP I: Ch. 6, Lessons 1, 3

Unit 9: REACH Community Project

**Learning Outcomes:**
In this culminating project, students use scientific processes and inquiry, along with local knowledge to identify and propose a solution to a local problem.

REACH Curriculum Map for Grades 2–3

Theme 3: Changing Lifestyles!

Unit 7: Your Environment

**Learning Outcomes:**
On successful completion of this unit, students will be able to:

A. Understand how climate changes affect seasonal timing of plants and animals
B. Use scientific processes and inquiry to directly support the concepts of living things (animals)

**Lesson 16:**
What is an environment?

**Lesson 17:**
What helps plants and animals live in places?

**Lesson 18:**
How do plants and animals need each other?

**Aligns to:**
2nd grade sequence #4: Living Things (Animals)
3rd grade sequence #4: Living Things (Animals)
HSP II: Ch. 4, Lesson 1
HSP III: Ch. 3, Lessons 1–3, Ch. 4, Lesson 4

Unit 8: Natural Resources

**Learning Outcomes:**
On successful completion of this unit, students will be able to:

A. Understand what a natural resource is
B. Understand how we can protect natural resources
C. Use scientific processes to directly support the concepts of natural resources

**Lesson 19:**
What is a natural resource?

**Lesson 20:**
How do people use natural resources?

**Lesson 21:**
How can people protect natural resources?

**Aligns to:**
2nd grade sequence #8: Natural Resources
3rd grade sequence #10: Conserving Natural Resources
HSP II: Ch. 6, Lessons 1–3
HSP III: Ch. 8, Lessons 1, 3, 4, Ch. 12, Lesson 5

Unit 9: REACH Community Project

**Learning Outcomes:**
In this culminating project, students use scientific processes and inquiry, along with local knowledge to identify and propose a solution to a local problem.
### REACH Curriculum Map for Grades 4–5

#### Theme 3: Changing Lifestyles

##### Unit 7: Your Environment

**Learning Outcomes:**
On successful completion of this unit, students will be able to:
A. Describe the basic characteristics and requirements of living things
B. Identify and sort animals into groups using basic external and internal features
C. Use scientific processes and inquiry to directly support concepts on animals

- **Lesson 16:** How do living things’ bodies help them meet their needs?
- **Lesson 17:** How do living things’ behaviors help them meet their needs?
- **Lesson 18:** How do living things of the past compare with those of today?

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##### Unit 8: Natural Resources

**Learning Outcomes:**
On successful completion of this unit, students will be able to:
A. Understand how people use soil and water resources
B. Understand how people can protect resources
C. Use scientific processes to directly support the concepts of conserving natural resources

- **Lesson 19:** How do people use soil and water resources?
- **Lesson 20:** How do people use energy resources?
- **Lesson 21:** How can people conserve resources?

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##### Unit 9: REACH Community Project

**Learning Outcomes:**
In this culminating project, students use scientific processes and inquiry, along with local knowledge to identify and propose a solution to a local problem.

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### REACH Curriculum Map for Grade 6

#### Theme 3: Changing Lifestyles

##### Unit 5: Your Environment

**Learning Outcomes:**
On successful completion of this unit, students will be able to:
A. Understand the feature of adaptation that helps an organism to survive in its surroundings
B. Understand what hypothesis is generally accepted as to why extinctions occur
C. Use scientific processes to directly support the concepts of biological evolution and natural selection

- **Lesson 13:** How have plants and animals adapted in your area?
- **Lesson 14:** What adaptations might your community need to make in the face of a changing climate?

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##### Unit 6: Natural Resources

**Learning Outcomes:**
On successful completion of this unit, students will be able to:
A. Understand what a natural resource is
B. Understand how humans affect natural resources
C. Use scientific processes and inquiry to directly support concepts of natural resources

- **Lesson 15:** What are natural resources?
- **Lesson 16:** How do people use natural resources?
- **Lesson 17:** How can people conserve natural resources?

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##### Unit 7: REACH Community Project

**Learning Outcomes:**
In this culminating project, students use scientific processes and inquiry, along with local knowledge to identify and propose a solution to a local problem.