

REACH Curriculum Map for Grades K–1

Theme 3: Changing Lifestyles!

Comprehensive Learning Goal: How can my community adapt to a changing landscape?

Unit 7: Your Environment	Unit 8: Natural Resources	Unit 9: REACH Community Project
<p>Learning Outcomes: On successful completion of this unit, students will be able to:</p> <ul style="list-style-type: none"> A. Understand what an environment is B. Understand plant and animal adaptation C. Use scientific processes to directly support the concepts of the environment for living things <p>Lesson 14: What is an environment?</p> <p>Lesson 15: What helps plants and animals live in places?</p> <p>Lesson 16: How do plants and animals need each other?</p> <p>Aligns to: 1st grade sequence #6: Environment for Living Things HSP I: Ch. 3, Lessons 1–3</p>	<p>Learning Outcomes: On successful completion of this unit, students will be able to:</p> <ul style="list-style-type: none"> 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 <p>Lesson 17: What is a natural resource?</p> <p>Lesson 18: How can we protect natural resources?</p> <p>Aligns to: 1st grade sequence #8: Natural Resources HSP I: Ch. 6, Lessons 1, 3</p>	<p>Learning Outcomes:</p> <p>In this culminating project, students use scientific processes and inquiry, along with local knowledge to identify and propose a solution to a local problem.</p>

REACH Curriculum Map for Grades 2–3

Theme 3: Changing Lifestyles!

Comprehensive Learning Goal: How can my community adapt to a changing landscape?

Unit 7: Your Environment	Unit 8: Natural Resources	Unit 9: REACH Community Project
<p>Learning Outcomes: On successful completion of this unit, students will be able to:</p> <ul style="list-style-type: none"> 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) <p>Lesson 16: What is an environment?</p> <p>Lesson 17: What helps plants and animals live in places?</p> <p>Lesson 18: How do plants and animals need each other?</p> <p>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</p>	<p>Learning Outcomes: On successful completion of this unit, students will be able to:</p> <ul style="list-style-type: none"> 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 <p>Lesson 19: What is a natural resource?</p> <p>Lesson 20: How do people use natural resources?</p> <p>Lesson 21: How can people protect natural resources?</p> <p>Aligns to: 2nd grade sequence #9: 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 3</p>	<p>Learning Outcomes:</p> <p>In this culminating project, students use scientific processes and inquiry, along with local knowledge to identify and propose a solution to a local problem.</p>

REACH Curriculum Map for Grades 4–5

Theme 3: Changing Lifestyles

Comprehensive Learning Goal: How can my community adapt to a changing landscape?

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?

Aligns to:

4th grade sequence #4: Living Things (Animals)
5th grade sequence #5: Living Things (Animals)
HSP IV: Ch. 3, Lessons 1–3
HSP V: Ch. 4, Lesson 3

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?

Aligns to:

4th grade sequence #2: Making & Using Electricity
5th grade sequence #10: Conserving Natural Resources
HSP IV: Ch. 5, Lesson 3
HSP V: Ch. 6, Lesson 3; Ch. 10, Lessons 2, 4;
Ch. 15, Lesson 1

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 Grade 6

Theme 3: Changing Lifestyles

Comprehensive Learning Goal: How can my community adapt to a changing landscape?

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?

Aligns to:

M.S. sequence 6.6: Biological Evolution & Natural Selection
Glencoe Life Science Ch 20-22

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?

Aligns to:

M.S. sequence 6.6: Biological Evolution & Natural Selection
Glencoe Life Science Ch 20
Glencoe Earth Science Ch 18

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.