



Massachusetts Science Standards

K-2:

- K-ESS2-2. Construct an argument supported by evidence for how plants and animals (including humans) can change the environment to meet their needs.
- K-ESS3-3. Communicate solutions that will reduce the impact of humans on the land, water, air and/or other living things in the local environment.

3-5:

- 3-PS2-3. Ask questions to determine cause and effect relationships of electric or magnetic interactions between two objects not in contact with each other.
- 3-PS2-4. Define a simple design problem that can be solved by applying scientific ideas about magnets.
- 3-LS4-4. Make a claim about the merit of a solution to a problem caused when the environment changes and the types of plants and animals that live there may change.
- 4-PS3-2. Make observations to provide evidence that energy can be transferred from place to place by sound, light, heat and electric currents.
- 4-ESS1-1. Identify evidence from patterns in rock formations and fossils in rock layers to support an explanation for changes in a landscape over time.
- 4-ESS3-1. Obtain and combine information to describe that energy and fuels are derived from natural resources and that their uses affect the environment.
- 4-ESS3-2. Generate and compare multiple solutions to reduce the impacts of natural Earth processes on humans.



3-5 (cont.):

- 5-LS2-1. Develop a model to describe the movement of matter among plants, animals, decomposers and the environment.
- 5-ESS3-1. Obtain and combine information about ways individual communities use science ideas to protect the Earth's resources and environment.

Massachusetts Social Studies Standards

K-2:

- K.T1.3 With prompting and support, give examples from literature and informational texts read or read aloud of characters who show authority, fairness, caring, justice, responsibility or who show how rules are created and followed.
- 1.T4.2 Distinguish a renewable resource from a non-renewable resource.
- 2.T4.3 Locate and analyze information and present a short research report on the physical features, resources and people of a country outside the United States.
- 2.T5.2 Distinguish a renewable resource from a non-renewable resource.

3-5:

No applicable standards found.

Massachusetts ELA Standards

K-2:

- K.R.1.1: Describe the main character(s), setting and important events in a story.
- K.R.2.2: Identify the topic of and multiple details in a text.

K-2 (cont.):

- K.R.3.2: Retell a text orally to enhance comprehension:
- K.R.3.3: Compare and contrast characters' experiences in stories.
- K.C.4.1: Recall information to answer a question about a single topic.
- 1.R.1.1: Identify and describe the main story elements in a story.
- 1.R.1.2: Identify and explain the moral of a story.
- 1.R.2.2: Identify the topic of and relevant details in a text.
- 1.R.2.3: Explain similarities and differences between information provided in visuals and words in an informational text.
- 1.R.3.2: Retell a text in oral or written form to enhance comprehension.
- 2.R.1.1: Identify plot structure and describe main story elements in a literary text.
- 2.R.1.2: Identify and explain a theme of a literary text.
- 2.R.1.3: Identify different characters' perspectives in a literary text.
- 2.R.2.2: Identify the central idea and relevant details in a text.
- 2.R.2.3: Explain an author's purpose in an informational text.
- 2.R.3.1: Identify and explain similes, idioms and alliteration in text(s).
- 2.R.3.2: Retell a text to enhance comprehension.

3-5:

- 3.R.1.1: Explain how one or more characters develop throughout the plot in a literary text.
- 3.R.1.2: Explain a theme and how it develops, using details, in a literary text.
- 3.R.1.3: Explain different characters' perspectives in a literary text.
- 3.R.2.2: Identify the central idea and explain how relevant details support that idea in a text.

3-5 (cont.):

- 3.R.2.3: Explain the development of an author's purpose in an informational text.
- 3.R.3.1: Identify and explain metaphors, personification and hyperbole in text(s).
- 3.R.3.2: Summarize a text to enhance comprehension.
- 4.R.1.1: Explain how setting, events, conflict and character development contribute to the plot in a literary text.
- 4.R.2.2: Explain how relevant details support the central idea, implied or explicit.
- 4.R.2.3: Explain an author's perspective toward a topic in an informational text.
- 4.R.3.2: Summarize a text to enhance comprehension.
- 5.R.1.1: Analyze how setting, events, conflict and characterization contribute to the plot in a literary text.
- 5.R.2.2: Explain how relevant details support the central idea(s), implied or explicit.
- 5.R.2.3: Analyze an author's purpose and/or perspective in an informational text.
- 5.R.2.4: Track the development of an argument, identifying the specific claim(s), evidence and reasoning.
- 5.R.3.2: Summarize a text to enhance comprehension.