

Keeping Warm with Agriculture – Grade 4

Fourth Grade

Next Generation Science

- 4.LS1.1 Structure and Processes: Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction. [Clarification Statement: Examples of structures could include thorns, stems, roots, colored petals, heart, stomach, lung, brain, and skin.]
- 4.LS1.A Structure and Function: Plants and animals have both internal and external structures that serve various functions in growth, survival, behavior, and reproduction.

Social Science

- 4.EC.2 Economics and Financial Literacy: Describe how goods and services are produced using human, natural, and capital resources (e.g. tools and machines).
- 4.G.3 Geography: Describe some of the current movements of goods, people, jobs, or information to, from, or within Illinois, and explain reasons for the movements.

ELA-Literature

- K-12.L.R.4 Vocabulary Acquisition and Use: Determine or clarify the meaning of unknown and multiple-meaning words and phrases by using context clues, analyzing meaningful word parts, and consulting general and specialized reference materials, as appropriate.
- K-12.L.R.6 Vocabulary Acquisition and Use: Acquire and use accurately a range of general academic and domain-specific words and phrases sufficient for reading, writing, speaking, and listening at the college and career readiness level; demonstrate independence in gathering vocabulary knowledge when considering a word or phrase important to comprehension or expression.
- K-12.SL.2 Comprehension and Collaboration: Integrate and evaluate information presented in diverse media and formats, including visually, quantitatively, and orally.
- 4.L.1 Conventions of Standard English: Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.
- 4.L.3.a Knowledge of Language: Choose words and phrases to convey ideas precisely.
- 4.L.3 Knowledge of Language: Use knowledge of language and its conventions when writing, speaking, reading, or listening.
- 4.R.F.3 Phonics and Word Recognition: Know and apply grade-level phonics and word analysis skills in decoding words.
- 4.R.I.3 Key Ideas and Details: Explain events, procedures, ideas, or concepts in a historical, scientific, or technical text, including what happened and why, based on specific information in the text.
- 4.R.I.4 Craft and Structure: Determine the meaning of general academic and domain-specific words or phrases in a text relevant to a grade 4 topic or subject area.
- 4.R.I.7 Integration of Knowledge and Ideas: Interpret information presented visually, orally, or quantitatively (e.g., in charts, graphs, diagrams, timelines, animations, or

interactive elements on Web pages) and explain how the information contributes to an understanding of the text in which it appears.

- 4.SL.1 Comprehension and Collaboration: Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 4 topics and texts, building on others' ideas and expressing their own clearly.
- 4.SL.1.b Comprehension and Collaboration: Follow agreed-upon rules for discussions and carry out assigned roles.
- 4.SL.1.c Comprehension and Collaboration: Pose and respond to specific questions to clarify or follow up on information, and make comments that contribute to the discussion and link to the remarks of others.
- 4.SL.1.d Comprehension and Collaboration: Review the key ideas expressed and explain their own ideas and understanding in light of the discussion.
- 4.SL.2 Comprehension and Collaboration: Paraphrase portions of a text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.
- 4.W.1.b Text Types and Purposes: Provide reasons that are supported by facts and details.
- 4.W.2.d Text Types and Purposes: Use precise language and domain-specific vocabulary to inform about or explain the topic.
- 4.W.8 Research to Build and Present Knowledge: Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.

Math

- MP.1 Make sense of problems and persevere in solving them.
- MP.2 Reason abstractly and quantitatively.
- MP.3 Construct viable arguments and critique the reasoning of others.

Physical Development and Health

- 23B.C.4 Identify major nutrients and their food sources.