

Exploring STEM Careers

5th Grade Ag in the Classroom Presentation

Meeting the Standards

To further assist teachers, we have correlated skills addressed during the “Exploring STEM Careers” presentation to the standards listed below.

Common Core State Standards – Literacy:

CCSS.ELA-Literacy.RI.5.4 – Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 5 topic or subject area.

Students will read/listen to career descriptions and determine their meanings.

CCSS.ELA-Literacy.RI.5.7 – Draw on information from multiple print or digital sources, demonstrating the ability to locate an answer to a question quickly or to solve a problem efficiently.

Students will draw on information from posters and information sheets to match descriptions with career names.

CCSS.ELA-Literacy.SL.5.1 – Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 5 topics and texts, building on others’ ideas and expressing their own clearly.

Students will engage in small-group and whole-class discussions as they address questions about various careers.

CCSS.ELA-Literacy.L.5.3 – Use knowledge of language and its conventions when writing, speaking, reading, or listening.

CCSS.ELA-Literacy.L.5.4 – Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 5 reading and content, choosing flexibly from a range of strategies.

- a. Use context (e.g. cause/effect relationships and comparisons in text) as a clue to the meaning of a word or phrase.

Students will read/listen to career descriptions and determine what each career entails with help from context clues, e.g. “Cattle Rancher: I raise beef cattle for meat.... My cattle graze on large areas of land known as ranches.”

Illinois Learning Standards – Social Science:

15.D.3c – Explain how workers can affect their productivity through training and by using tools, machinery, and technology.

Students will discuss the knowledge, experience, and tools needed in various careers.