

4-H Curriculum Connections to the Virginia Standards of Learning

Animal Sciences: Dairy 12241 Dairy 1 – Dig Into Dairy

- English 4.1 The student will use effective oral communication skills in a variety of settings.
- Present accurate directions to individuals and small groups.
 - Contribute to group discussions.
 - Seek the ideas and opinions of others.
 - Use evidence to support opinions.
 - Use grammatically correct language and specific vocabulary to communicate ideas.
- English 4.2 The student will make and listen to oral presentations and reports.
- Use subject-related information and vocabulary.
 - Listen to and record information.
 - Organize information for clarity.
- English 4.3 The student will read fiction and nonfiction with fluency and accuracy.
- Use context to clarify meanings of unfamiliar words.
 - Explain words with multiple meanings.
 - Use knowledge of word origins; synonyms, antonyms, and homonyms; and multiple meanings of words.
 - Use word-reference materials including the glossary, dictionary, and thesaurus.
- English 4.5 The student will read and demonstrate comprehension of nonfiction.
- Use text organizers, such as type, headings, and graphics, to predict and categorize information.
 - Formulate questions that might be answered in the selection.
 - Explain the author's purpose.
 - Make simple inferences, using information from texts.
 - Draw conclusions, using information from texts.
 - Summarize content of selection, identifying important ideas, and providing details for each important idea.
 - Describe relationship between content and previously learned concepts or skills.
 - Distinguish between cause and effect and between fact and opinion.
 - Identify new information gained from reading.

- English 4.6 The student will demonstrate comprehension of information resources to research a topic.
- Construct questions about a topic.
 - Collect information, using the resources of the media center, including online, print, and media resources.
 - Evaluate and synthesize information.
- English 4.7 The student will write effective narratives, poems, and explanations.
- Focus on one aspect of a topic.
 - Develop a plan for writing.
 - Organize writing to convey a central idea.
 - Write several related paragraphs on the same topic.
 - Utilize elements of style, including word choice and sentence variation.
 - Write rhymed, unrhymed, and patterned poetry.
 - Use available technology.
- English 4.8 The student will edit writing for correct capitalization, spelling, punctuation, and sentence structure.
- Use subject-verb agreement.
 - Include prepositional phrases.
 - Eliminate double negatives.
 - Use noun-pronoun agreement.
 - Use commas in series, dates, and addresses.
 - Incorporate adjective and adverbs.
 - Use the articles *a*, *an*, and *the* correctly.
 - Use correct spelling for frequently used words, including common homophones.
- English 5.3 The student will make planned oral presentations.
- Determine appropriate content for audience.
 - Organize content sequentially or around major ideas.
 - Summarize main points before or after presentation.
 - Incorporate visual aids to support the presentation.
 - Use grammatically correct language and specific vocabulary.
- English 5.4 The student will read fiction and nonfiction with fluency and accuracy.
- Use context to clarify meaning of unfamiliar words.
 - Use knowledge of root words, prefixes, and suffixes.
 - Use dictionary, glossary, thesaurus, and other word-reference materials.
- English 5.6 The student will read and demonstrate comprehension of nonfiction.
- Use text organizers, such as type, headings, and graphics, to predict and categorize information.
 - Identify structural patterns found in nonfiction.
 - Locate information to support opinions, predictions, and conclusions.

- Identify cause-and-effect relationships.
- Identify compare-and-contrast relationships.
- Skim materials to develop a general overview of content and to locate specific information.
- Identify new information gained from reading.

English 5.7 The student will demonstrate comprehension of information from a variety of print resources.

- Develop notes that include important concepts, summaries, and identification of information sources.
- Organize information on charts, maps, and graphs.

English 5.8 The student will write for a variety of purposes: to describe, to inform, to entertain, and to explain.

- Choose planning strategies for various writing purposes.
- Organize information.
- Demonstrate awareness of intended audience.
- Use precise and descriptive vocabulary to create tone and voice.
- Vary sentence structure.
- Revise writing for clarity.
- Use available technology to access information.

English 5.9 The student will edit writing for correct grammar, capitalization, spelling, punctuation, and sentence structure.

- Use plural possessives.
- Use adjective and adverb comparisons.
- Identify and use interjections.
- Use apostrophes and contractions and possessives.
- Use quotation marks with dialogue.
- Use commas to indicate interrupters and in the salutation and closing of a letter.
- Use a hyphen to divide words at the end of a line.
- Edit for clausal fragments, run-on sentences, and excessive coordination.

English 6.3 The student will read and learn the meanings of unfamiliar words and phrases.

- Identify word origins, derivations, and inflections.
- Identify word analogies and figurative language.
- Use context and sentence structure to determine meanings and differentiate among multiple meanings of words.
- Use word-reference materials.

English 6.5 The student will read and demonstrate comprehension of a variety of informational selections.

- Identify questions to be answered.

- Make, confirm, or revise predictions.
- Use context to determine meanings of unfamiliar words.
- Draw conclusions and make inferences based on explicit and implied information.
- Organize the main idea and details to form a summary.
- Compare and contrast information about one topic contained in different selections.
- Select informational sources appropriate for a given purpose.

- English 6.6 The student will write narratives, descriptions, and explanations.
- Use a variety of planning strategies to generate and organize ideas.
 - Establish central idea, organization, elaboration, and unity.
 - Select vocabulary and information to enhance the central idea, tone, and voice.
 - Expand and embed ideas by using modifiers, standard coordination, and subordination in complete sentences.
 - Revise writing for clarity.

- English 6.7 The student will edit writing for correct grammar, capitalization, punctuation, spelling, and sentence structure.
- Use a variety of graphic organizers, including sentence diagrams, to analyze and improve sentence formation and paragraph structure.
 - Use subject-verb agreement with intervening phrases and clauses.
 - Use pronoun-antecedent agreement to include indefinite pronouns.
 - Maintain consistent tense inflections across paragraphs.
 - Choose adverbs to describe verbs, adjective, and other adverbs.
 - Use correct spelling for frequently used words.

- English 7.3 The student will describe persuasive messages in nonprint media, including television, radio, and video.
- Identify persuasive technique used.
 - Distinguish between fact and opinion.
 - Describe how word choice conveys viewpoint.

- English 7.6 The student will read and demonstrate comprehension of a variety of informational texts.
- Use knowledge of text structures to aid comprehension.
 - Use knowledge of words and phrases that signal an author's organizational pattern to aid comprehension.
 - Distinguish fact from opinion in newspapers, magazines, and other print media.
 - Identify the source, viewpoint, and purpose of texts.
 - Describe how word choice and language structure convey an author's viewpoint.
 - Summarize what is read.

- Organize and synthesize information for use in written and oral presentations.

- English 7.7 The student will apply knowledge of appropriate reference materials.
- Use print and electronic sources to locate information in books and articles.
 - Use graphic organizers to organize information.
 - Synthesize information from multiple sources.
 - Credit primary and secondary sources.

- English 8.1 The student will use interviewing techniques to gain information.
- Prepare and ask relevant questions for the interview.
 - Make notes of responses.
 - Compile and report responses.
 - Evaluate the effectiveness of the interview.

- English 8.6 The student will read, comprehend, and analyze a variety of informational sources.
- Draw on background knowledge and knowledge of text structure to understand selections.
 - Analyze the author's credentials, viewpoint, and impact.
 - Analyze the author's use of text structure and word choice.
 - Analyze details for relevance and accuracy.
 - Read and follow instructions to complete an assigned task.
 - Summarize and critique text.
 - Evaluate and synthesize information to apply in written and oral presentations.
 - Draw conclusions based on explicit and implied information.
 - Make inferences based on explicit and implied information.

- English 8.3 The student will analyze mass media messages.
- Evaluate the persuasive technique being used.
 - Describe the possible cause-effect relationships between mass media coverage and public opinion trends.
 - Evaluate sources, including advertisements, editorials, and feature stories, for relationships between intent and factual content.

- English 9.2 The student will make planned oral presentations.
- Include definitions to increase clarity.
 - Use relevant details to support main ideas.
 - Illustrate main ideas through anecdotes and examples.
 - Cite information sources.
 - Make impromptu responses to questions about presentation.
 - Use grammatically correct language, including vocabulary appropriate to the topic, audience, and purpose.

- English 9.4 The student will read and analyze a variety of informational materials (manuals, textbooks, business letters, newspapers, brochures, reports, catalogs) and nonfiction materials, including journals, essays, speeches, biographies, and autobiographies.
- Identify a position/argument to be confirmed, disproved or modified.
 - Evaluate clarity and accuracy of information.
 - Synthesize information from sources and apply it in written and oral presentations.
 - Identify questions not answered by selected text.
 - Extend general and specialized vocabulary through speaking, reading, and writing.
 - Read and follow instructions to complete an assigned project or task.
- English 9.6 The student will develop narrative, expository, and informational writings to inform, explain, analyze, or entertain.
- Generate, gather, and organize ideas for writing.
 - Plan and organize writing to address a specific audience and purpose.
 - Communicate clearly the purpose of the writing.
 - Write clear, varied sentences.
 - Use specific vocabulary and information.
 - Arrange paragraphs into a logical progression.
 - Revise writing for clarity.
 - Proofread and prepare final product for intended audience and purpose.
- English 9.7 The student will edit writing for correct grammar, capitalization, punctuation, spelling, sentence structure, and paragraphing.
- Use and apply rules for the parts of a sentence, including subject/verb, direct/indirect object, and predicate nominative/predicative adjective.
 - Use parallel structures across sentences and paragraphs.
 - Use appositives, main clauses, and subordinate clauses.]
 - Use commas and semicolons to distinguish and divide main and subordinate clauses.
- English 10.7 The student will develop a variety of writings with an emphasis on exposition.
- Plan and organize ideas for writing.
 - Elaborate ideas clearly through word choice and vivid description.
 - Write clear, varied sentences.
 - Organize ideas into a logical sequence.
 - Revise writing for clarity and content of presentation.
 - Edit final copies for correct use of language, spelling, punctuation, and capitalization.
 - Use available technology.
- English 10.10 The student will use writing to interpret, analyze, and evaluate ideas.

- Explain concepts contained in literature and other disciplines.
- Translate concepts into simpler or more easily understood terms.

English 10.11 The student will collect, evaluate, organize, and present information.

- Organize information from a variety of sources.
- Develop the central idea or focus.
- Verify the accuracy and usefulness of information.
- Credit sources for both quoted and paraphrased ideas.
- Present information in an appropriate format, such as an oral presentation, written report, or visual product.
- Use technology to access information, organize ideas, and develop writing.

English 11.1 The student will make information and persuasive presentations.

- Gather and organize evidence to support a position.
- Present evidence clearly and convincingly.
- Support and defend ideas in public forums.
- Use grammatically correct language, including vocabulary appropriate to the topic, audience, and purpose.

English 11.4 The student will read and analyze a variety of informational materials.

- Use information from texts to clarify or refine understanding academic concepts.
- Read and follow directions to complete an application for college admission, for a scholarship, or for employment.
- Apply concepts and use vocabulary in informational and technical materials to complete a task.
- Generalize ideas from selections to make predictions about other texts.
- Analyze information from a text to draw conclusions.

English 12.1 The student will make a 5 to 10 minute formal oral presentation.

- Choose the purpose of the presentation: to defend a position, to entertain an audience, or to explain information.
- Use a well-structured narrative or logical argument.
- Use details, illustrations, statistics, comparisons, and analogies to support purposes.
- Use visual aids or technology to support presentation.
- Use grammatically correct language, including vocabulary appropriate to the topic, audience and purpose.

English 12.7 The student will develop expository and technical writings.

- Generate, gather, and organize ideas for writing.
- Consider audience and purpose when planning for writing.
- Write analytically about literary, informational, and visual materials.
- Elaborate ideas clearly and accurately.

- Revise writing for depth of information and technique of presentation.
- Apply grammatical conventions to edit writing for correct use of language, spelling, punctuation, and capitalization.
- Proofread final copy and prepare document for publication or submission.