

4-H Curriculum Connections to the Virginia Standards of Learning

Animal Sciences Advanced Livestock Record Book (Pub # 380-121)

- 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.
- Math 4.5 The student will estimate whole-number sums and differences and describe the method of estimation. Students will refine estimates, using terms such as *closer to*, *between*, and *a little more than*.
- Math 4.6 The student will add and subtract whole numbers written in vertical and horizontal form, choosing appropriately between paper and pencil methods and calculators.
- Math 4.9 The student will
- add and subtract with fractions having like and unlike denominators of 12 or less, using concrete materials, pictorial representations, and paper and pencil;
 - add and subtract with decimals through thousandths, using concrete materials, pictorial representations, and paper and pencil; and
 - solve problems involving addition and subtraction with fractions having like and unlike denominators of 12 or less and decimals expressed

through thousandths, using various computational methods, including calculators, paper and pencil, mental computation, and estimation.

- 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 in 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.
- Math 5.3 The student will create and solve problems involving addition, subtraction, multiplication, and division of whole numbers, using paper and pencil, estimation, mental computation, and calculators.
- 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, adjectives, and other adverbs.
- Use correct spelling for frequently used words.

Math 6.8 The student will solve multistep consumer-application problems involving fractions and decimals and present data and conclusions in paragraphs, tables, or graphs. Planning a budget will be included.

English 7.8 The student will develop narrative, expository, and persuasive writing.

- Apply knowledge of prewriting strategies.
- Elaborate the central idea in an organized manner.
- Choose vocabulary and information that will create tone and voice.
- Use clauses and phrases to vary sentences.
- Revise writing for clarity and effect.
- Use a word processor to plan, draft, revise, edit, and publish selected writings.

English 7.9 The student will edit writing for correct grammar, capitalization, punctuation, spelling, sentence structure, and paragraphing.

- Use a variety of graphic organizers, including sentence diagrams, to analyze and improve sentence formation and paragraph structure.
- Demonstrate understanding of sentence formation by identifying the eight parts of speech and their functions in sentences.
- Choose pronouns to agree with antecedents.
- Use subject-verb agreement with intervening phrases and clauses.
- Edit for verb tense consistency.

English 8.7 The student will write in a variety of forms, including narrative, expository, persuasive, and informational.

- Use prewriting strategies to generate and organize ideas.
- Organize details to elaborate the central idea.
- Select specific vocabulary and information.
- Revise writing for word choice, sentence variety, and transitions among paragraphs.
- Use available technology.

English 8.8 The student will edit writing for correct grammar, capitalization, punctuation, spelling, sentence structure, and paragraphing.

- Use a variety of graphic organizers, including sentence diagrams, to analyze and improve sentence formation and paragraph structure.
- Use and punctuate correctly varied sentence structures to include conjunctions and transition words.
- Choose the correct case and number for pronouns in prepositional phrases with compound objects.
- Maintain consistent verb tense across paragraphs.
- Use comparative and superlative degrees in adverbs and adjectives.

Math 8.3 The student will solve practical problems involving rational numbers, percents, ratios, and proportions. Problems will be of varying complexities and will involve real-life data such as finding a discount and discount prices and balancing a check book.

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 10.7 The student will develop a variety of writings with an emphasis on exposition.

- Generate, gather, 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.
- Proofread and prepare final product for intended audience and purpose.

English 12.7 The student will develop expository and informational 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.