

# 4-H Curriculum Connections to the Virginia Standards of Learning

## Family and Consumer Sciences: Consumer Critters

- 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 4.7 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*.

- Science 4.1 The student will plan and conduct investigations in which
- distinctions are made among observations, conclusions, inferences, and predictions;
  - data are displayed using bar and basic line graphs;
  - appropriate instruments are selected to measure linear distance, volume, mass, and temperature;
  - appropriate metric measures are used to collect, record, and report data;
  - predictions are made based on data from picture graphs, bar graphs, and basic line graphs;
  - hypotheses are formulated based on cause and effect relationships;
  - variables that must be held constant in an experimental situation are defined; and
  - numerical data that are contradictory or unusual in experimental results are recognized.
- English 5.1 The student will listen, draw conclusions, and share responses in subject-related group learning activities.
- Participate in and contribute to discussions across content areas.
  - Organize information to present reports of group activities.
  - Summarize information gathered in group activities.
- 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.
- Math 5.12 The student will determine an amount of elapsed time in hours and minutes within a 24-hour period.
- Math 5.18 The student will, given a problem situation, collect, organize, and display a set of numerical data in a variety of forms, using bar graphs, stem-and-leaf plots, and line graphs, to draw conclusions and make predictions.
- Science 5.1 The student will plan and conduct investigations in which
- appropriate instruments are selected and used for making quantitative observations of length, mass, volume, and elapsed time;
  - rocks, minerals, and organisms are identified using a classification key;
  - data are collected, recorded, and reported using the appropriate graphical representation (graphs, charts, diagrams);
  - accurate measurements are made using basic tools (thermometer, meter stick, balance, graduated cylinder);
  - predictions are made using patterns and simple graphical data are extrapolated;
  - estimations of length, mass, and volume are made;
  - manipulated and responding variables are identified; and
  - an understanding of the nature of science is developed and reinforced.
- English 6.1 The student will analyze oral participation in small-group activities.
- Communicate as leader and contributor.
  - Evaluate own contributions to discussions.
  - Summarize and evaluate group activities.
  - Analyze the effectiveness of participant interactions.
- English 6.2 The student will listen critically and express opinions in oral presentations.
- Distinguish between fact and opinion.
  - Compare and contrast viewpoints.
  - Present a convincing argument.
  - Paraphrase what is heard.
  - Summarize what is heard.
  - Use grammatically correct language and vocabulary appropriate to audience, topic, and 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, adjectives, and other adverbs.
- Use correct spelling for frequently used words.