



4-7 CONTENT SCHEDULE

Tune in to VA TV Classroom Monday–Friday 12–1:00pm on WHRO TV 15 and 3–4:00pm on World via antenna 15.2, Cox 107 & Verizon FiOS 460.

VA TV Classroom content is SOL aligned and produced by WHRO Public Media. In conjunction with the Virginia Department of Education, VA TV Classroom is being broadcast statewide with our partners VPM, WETA and Blue Ridge PBS.

The charts below outline weeks 3–7 of programming for the 4th–7th grade TV broadcast, **Continue to Know with WHRO**. We will be adding each segment into eMediaVA.

Continue to Know with WHRO offers 4th–7th grade instruction in language arts, math, science, and more.

WEEK 3: MAY 18–22, 2020

May 18: MONDAY - ENGLISH

	SESSION TITLE	SOL	DESCRIPTION
4	Let's Talk About Theme!	ENG 4.5	Students explore what theme is and how to determine the theme of a fiction text.
5	Calling all Characters!	ENG 5.5	In this session, students explore character traits and learn how these traits can develop and change in a story.
6	Purposeful Plot	ENG 6.5	Students identify the elements of narrative structure, including setting, character, plot, conflict, and theme.
7	Point of View	ENG 7.5	Students differentiate between the first and third person points of view in this session.

May 19: TUESDAY - MATHEMATICS

	SESSION TITLE	SOL	DESCRIPTION
4	Rockin' Remainders	MATH 4.4	In this session, students learn how to solve division word problems and use the context of the word problem to interpret remainders.
5	Dividing Decimals	MATH 5.5	Students investigate estimating and dividing two numbers involving decimals.
6	Multiplying Mixed Numbers	MATH 6.5	Students multiply mixed numbers and solve practical problems in this session.
7	Tax, Tip, and Discount	MATH 7.3	Students calculate the tax, tip, or discount when given a word problem.

May 20: WEDNESDAY - SCIENCE

	SESSION TITLE	SOL	DESCRIPTION
4	Electromagnetism!	SCI 4.3	In this session, students explore how to build an electromagnet and investigate how to control the strength of an electromagnet.
5	Light	SCI 5.3	Students investigate and learn about visible light and how it behaves in this session.

6	Earth's Energy Budget	SCI 6.3	In this session, students investigate Earth's energy budget and how conduction, convection, and radiation distribute energy.
7	Communities vs. Populations in Ecosystems	LS.10	Students learn about biotic and abiotic factors in an ecosystem. They also learn the difference between a population and a community of organisms in an ecosystem.

May 21: THURSDAY - HISTORY & SOCIAL SCIENCE

	SESSION TITLE	SOL	DESCRIPTION
4	Products and Industries of Virginia	VS.10	In this session, students demonstrate knowledge of the major products and industries of Virginia.
5	Interior Lowlands	USI.2	Students identify and describe the Interior Lowlands in this session.
6	Westward Expansion	USI.8	Students discover how the United States grew during westward expansion.
7	Post-War Rebuilding and the Cold War	USII.8	Students examine the rebuilding of post-war Europe and Asia, and the origins and events of the Cold War.

May 22: FRIDAY - ENGLISH

	SESSION TITLE	SOL	DESCRIPTION
4	What's the Evidence?	ENG 4.5	Students draw conclusions and make inferences about fiction text using evidence from the text as support.
5	Cause and Effect	ENG 5.5	In this session, students identify cause and effect relationships.
6	Let's Summarize Nonfiction!	ENG 6.6	Students skim and read a nonfiction passage about James Madison. Then, students summarize a nonfiction passage by finding the main idea and details.
7	Theme	ENG 7.5	Students identify and explain the theme(s) in this session.

WEEK 4: MAY 25-29, 2020

May 25: MONDAY - ENGLISH

	SESSION TITLE	SOL	DESCRIPTION
4	What's the Big Idea?	ENG 4.6	Students learn how to identify the main idea and supporting details in nonfiction text.
5	What's It All About?	ENG 5.6	In this session, students explore main idea and learn how to identify it in nonfiction text.
6	Read Between the Lines	ENG 6.5	Students draw conclusions and make inferences using the text for support.
7	Literary Relationships?	ENG 7.5 ENG 7.6	Students identify cause and effect relationships as well as compare and contrast relationships.

May 26: TUESDAY - MATHEMATICS

	SESSION TITLE	SOL	DESCRIPTION
4	Factors vs. Multiples	MATH 4.4 MATH 4.5	Students practice multiplication facts through 12 x12 and identify the corresponding division facts. Students identify the greatest common factor and least common multiple of two numbers as they prepare to add, subtract, and multiply fractions.
5	Addition and Subtraction of Decimals	MATH 5.5	Students will solve practical problems involving the addition and/or subtraction of decimals.
6	Adding and Subtracting Integers	MATH 6.6	Students add and subtract integers using the absolute method.
7	Find the Slope of a Line	MATH 7.10	Students determine the slope of a line when given an equation in slope-intercept form, two ordered pairs, a table of values, or a graph of a line.

May 27: WEDNESDAY - SCIENCE

	SESSION TITLE	SOL	DESCRIPTION
4	Make an Electric Motor!	SCI 4.3	In this session, students explore how to generate electricity using magnetism and how to build a simple electric motor.
5	Let's Do an "Eggsperiment"	SCI 5.1	In this session, students explore the scientific method by observing an experiment. Students recognize variables and observations.
6	Exploring Energy Transformations	SCI 6.2	In this session, students investigate energy transformations.
7	Earth's Land Biomes	LS.9	Students differentiate between ecosystems and biomes in this session. They also learn how to recognize and give examples of major biomes: desert, forest, grassland, and tundra.

May 28 THURSDAY - HISTORY & SOCIAL SCIENCE

	SESSION TITLE	SOL	DESCRIPTION
4	American Indians of Virginia	VS.2	In this session, students learn the relationship between physical geography and the lives of the native people, past and present, of Virginia.
5	Great Plains	USI.2	Students identify and describe the Great Plains region of North America.
6	Impact of Inventions!	USI.8	Students describe the impact of inventions on life in the United States from 1801 to 1861, including the cotton gin, reaper, steamboat, and steam locomotive.
7	The Cold War	USII.8	Students examine the rivalries and events of the Cold War.

May 29: FRIDAY - MATHEMATICS

	SESSION TITLE	SOL	DESCRIPTION
4	Fraction Action!	MATH 4.5	In this segment, students learn to add and subtract fractions and mixed numbers with like and unlike denominators.
5	Decimal Word Problems	MATH 5.5	Students explore various multiplication and division problem types involving decimals.

6	Multiply and Divide Integers	MATH 6.6	In this session, students learn how to multiply and divide integers.
7	Graph the Line! Part I	MATH 7.10	Students graph lines when given the slope-intercept form of the equation for the line.

WEEK 5: JUNE 1-5, 2020

June 1: MONDAY - ENGLISH

	SESSION TITLE	SOL	DESCRIPTION
4	Summarizing Nonfiction	ENG 4.6	Students learn strategies to summarize nonfiction and create summaries.
5	Supporting the Main Idea	ENG 5.6	Students explore supporting details and learn how to identify the details that support the main idea in nonfiction text.
6	Fake News	ENG 6.6	In this session, students differentiate between fact and opinion.
7	Making Inferences and Drawing Conclusions - Part I	ENG 7.5 ENG 7.6	Students make inferences and draw conclusions based on the text.

June 2: TUESDAY - MATHEMATICS

	SESSION TITLE	SOL	DESCRIPTION
4	Fractions in the Real World	MATH 4.5	Students solve single-step word problems adding and subtracting fractions and mixed numbers.
5	Order of Operations	MATH 5.7	Students simplify whole number numerical expressions using the order of operations.
6	Proportional Relationships	MATH 6.12	Students determine if two ratios are proportional. Students also solve for the missing value in a proportion.
7	What's the Y-Intercept?	MATH 7.10	Students find the y-intercept and use it to write the equation of the line.

June 3: WEDNESDAY - SCIENCE

	SESSION TITLE	SOL	DESCRIPTION
4	Laws of Motion	SCI 4.2	In this session, students explore Newton's 3 Laws of Motion and how this applies to real-life situations.
5	Ocean Environment	SCI 5.6	Students explore the geological, physical, and ecological characteristics of the ocean.
6	Exploring Our Weather	SCI 6.6	Students learn about the layers of the atmosphere and weather systems in this session.

7	Cycles of Matter	LS.6	In this session, students explore the cycles of matter, including nitrogen, carbon, and water cycles. They also learn about how these work together within an ecosystem and the importance of each cycle.
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June 4: THURSDAY - HISTORY & SOCIAL SCIENCE

	SESSION TITLE	SOL	DESCRIPTION
4	Jamestown	VS.3	In this session, students gain an understanding of the first permanent English settlement in America.
5	Rockin' in the Rocky Mountains	USI.2	Students explore maps, globes, photographs, pictures, or tables to locate and describe the major geographic regions of North America. Today students also identify and describe the Rocky Mountains.
6	Causes of the Civil War	USI.9	Students discover the causes of the Civil War in this session.
7	Civil Rights for All	USII.9	Students examine key events and tactics of the Civil Rights Movement, as well as rights for women and the disabled.

June 5: FRIDAY - ENGLISH

	SESSION TITLE	SOL	DESCRIPTION
4	Why Did That Happen? Cause and Effect with Nonfiction Text	ENG 4.6	In this session, students learn to describe the cause and effect relationships in nonfiction text.
5	Fact and Opinion	ENG 5.6	Students differentiate between fact and opinion in this session.
6	Paired Text	ENG 6.6	Students examine paired text. Nonfiction paired text is analyzed to identify similarities and differences within texts of the same topic. Also, through these selections, students make inferences/draw conclusions.
7	Making Inferences and Drawing Conclusions - Part II	ENG 7.5 ENG 7.6	Students continue to make inferences and draw conclusions based on the text.

WEEK 6: JUNE 8-12, 2020

June 8: MONDAY - ENGLISH

	SESSION TITLE	SOL	DESCRIPTION
4	Fiction vs. Nonfiction	ENG 4.5	Students explore similarities and differences between fiction and nonfiction text.
5	Compare and Contrast in Reading	ENG 5.6	Students learn how to compare and contrast various forms of writing in this session.
6	Get the GIST	ENG 6.6	In this session, students learn how to summarize a nonfiction article without using their personal opinions.
7	Fact vs. Opinion	ENG 7.6	Students differentiate between fact and opinion in this session.

June 9: TUESDAY - MATHEMATICS

	SESSION TITLE	SOL	DESCRIPTION
4	Decimal Place Value	MATH 4.3	In this session, students learn how to identify the position and value of a decimal through thousandths.
5	Intro into Multiplying a Whole Number and a Proper Fraction	MATH 5.6	Students explore how to solve single step practical problems involving multiplication of a whole number and a proper fraction with a model.
6	Solving Proportions	MATH 6.12	Students solve proportions from practical situations in this session.
7	Graph the Line! Part II	MATH 7.10	Students graph lines when given the equation of the line in slope-in-tercept form.

June 10: WEDNESDAY - SCIENCE

	SESSION TITLE	SOL	DESCRIPTION
4	Kinetic vs. Potential Energy	SCI 4.2	In this session, students explore the relationship between potential and kinetic energy and how they can affect motion.
5	Solids, Liquids, & Gases, Oh My!	SCI 5.4	The students explore that matter is anything that has mass and takes up space and occurs as a solid, liquid, or gas.
6	Introduction to Watersheds	SCI 6.7	In this session, students explore what a watershed is and create a model of a watershed.
7	Adaptations for Survival	LS.9	Students analyze and describe how specific adaptations enable organisms to survive in a particular ecosystem.

June 11: THURSDAY - HISTORY & SOCIAL SCIENCE

	SESSION TITLE	SOL	DESCRIPTION
4	The Three Branches of Government	VS.10	In this session, students learn about the Virginia government and identify the three branches of government.
5	Basin & Range	USI.2	Students interpret maps, globes, photographs, pictures, or tables to locate and describe the major geographic regions of North America. They also identify and describe the Basin & Range.
6	Civil War	USI.9	Students describe the critical developments in the Civil War, including major battles. They also describe the roles of Abraham Lincoln, Jefferson Davis, Ulysses S. Grant, Robert E. Lee, Thomas "Stonewall" Jackson, and Frederick Douglass in events leading to and during the Civil War.
7	Changing Patterns in America	USII.8 USII.9	Students explore globalization, new technologies, and their impact in this session.

June 12: FRIDAY - MATH

	SESSION TITLE	SOL	DESCRIPTION
4	Fractions and Decimals - They're the Same!	MATH 4.3	In this session, students write decimal and fraction equivalents.
5	Variables	MATH 5.19	Students learn the concept of a variable and write an equation using a variable to represent an unknown quantity in this session.

6	Adding and Subtracting One-Step Equations	MATH 6.13	In this session, students learn how to add and subtract one-step equations.
7	Solving Two-Step Equations - Part I	MATH 7.12	Students use inverse operations to solve two-step equations in this session.

WEEK 7: JUNE 15-19, 2020

June 15: MONDAY - ENGLISH

	SESSION TITLE	SOL	DESCRIPTION
4	Let's Write A Narrative!	ENG 4.7	Students learn steps to create a narrative story in this session.
5	Let's Write!	ENG 5.7	Students explore the five elements in a story and learn how to incorporate that into a story of their own.
6	How Is It Organized?	ENG 6.6	Students identify common patterns of organizing text including chronological or sequential, comparison/contrast, cause and effect, problem-solution, generalization, and process.
7	What's Your Main Idea?	ENG 7.7	Students establish a central idea incorporating evidence in this session.

June 16: TUESDAY - MATHEMATICS

	SESSION TITLE	SOL	DESCRIPTION
4	Rounding Roundup!	MATH 4.3	In this session, students learn how to round decimals to the nearest whole number.
5	Variable Expressions	MATH 5.19	Students explore how to use an expression with a variable to represent a given verbal expression in this session.
6	Multiplying and Dividing One-Step Equations	MATH 6.13	Students learn how to use multiplication and division to solve one-step equations.
7	Solving Two-Step Equations: Part II	MATH 7.12	Students use two-step equations to solve practical problems.

June 17: WEDNESDAY - SCIENCE

	SESSION TITLE	SOL	DESCRIPTION
4	Moon Phases Explained!	SCI 4.8	In this session, students learn about the formation of the eight moon phases, sequence the phases in order, and describe how the phases occur.
5	Rocks!	SCI 5.7	Students learn about 3 types of rocks and how they are formed through the rock cycle.
6	Investigating Watersheds	SCI 6.7	In this session, students explore the importance of wetlands, estuaries, and water quality to watersheds.
7	Human Impacts and Natural Impacts on Ecosystems	LS.10	Students learn about eutrophication, climate changes, and catastrophic disturbances that can impact different environments.

June 18: THURSDAY - HISTORY & SOCIAL SCIENCE

	SESSION TITLE	SOL	DESCRIPTION
4	Contributions of Important Virginians	VS.9	In this session, students learn political, social, or economic impacts made by important Virginians.
5	Coastal Range & Canadian Shield	USI.2	Students identify and describe the Coastal Range & Canadian Shield in this session.
6	Effects of the Civil War	USI.9	In this session, students discover the many effects of the Civil War on families, women, and African Americans.
7	Modern America	USII.9	Students examine modern challenges related to foreign policy, terrorism, immigration, global environment, and health issues.

June 19: FRIDAY - ENGLISH

	SESSION TITLE	SOL	DESCRIPTION
4	Expert Books	ENG 4.7	Students engage in the expository writing process as they plan and begin writing expert books. Students organize writing around a central idea and write related paragraphs on the same topic.
5	Persuasive Writing	ENG 5.7	In this session, students learn about different types of persuasive text.
6	Expository Writing	ENG 6.7	Students explore expository writing, including information on audience, central idea, topic, prewriting, thesis statement, and organization.
7	Be Smarter Than Most People	ENG 7.8	Students correct spelling for commonly used words in this session.