

White County Schools

8th Grade Science

State-Approved Curriculum: **SAVVAS**

Tennessee Academic Standards found [here](#).
White County Board Policy [4.400](#) - Instructional Materials

First Nine Weeks (August - Mid October)			
<u>Objectives/Topics Covered</u>	<u>Standards</u>	<u>Materials and Resources</u>	<u>Major Assignments</u>
● #3 Force and Motion ○ Describing Motion and Force ○ Speed, Velocity, and Acceleration ○ Action and Reaction Forces ● #2 Electricity and Magnetism ○ Magnetic Force ○ Electromagnetic Force ○ Electromagnets, Generators, and Electric Motors ○ Gravitational Interactions ● #4 Mechanical and Electromagnetic Waves ○ Wave Properties ○ Mechanical Waves ○ Electromagnetic Waves ○ Waves and Information Transfer	8.PS2.1 8.PS2.2 8.PS2.3 8.PS2.4 8.PS2.5 8.PS2.6 8.PS4.1 8.PS4.2 8.PS4.3 8.ETS1.1	SAVVAS Textbook & Online Resources	● Topic 3 Test ● Topic 2 Test ● Topic 4 Test ● Quarter 1 Benchmark ● Quarter 1 Notebook Test

Second Nine Weeks (Mid October - Mid December)			
<u>Objectives/Topics Covered</u>	<u>Standards</u>	<u>Materials and Resources</u>	<u>Major Assignments</u>
● #1 Modeling Matter ○ Modeling Atoms ○ How Atoms Form ● #7 The Universe	8.PS1.1 8.PS1.2 8.ESS1.1 8.ESS2.1	SAVVAS Textbook & Online Resources	● Topic 1 Test ● Topic 7 Test ● Topic 8 Test ● Quarter 2

○ Space and Technology ○ The Big Bang ● #8 Earth's Changes Over Time ○ Earth's Structure ○ Evidence of Plate Tectonics ○ Changes in the Lithosphere ○ Extinction Events	8.ESS2.2 8.ESS2.3 8.ESS2.4 8.ETS2.1		Benchmark ● Quarter 2 Notebook Test
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**Third Nine Weeks
(January - March)**

<u>Objectives/Topics Covered</u>	<u>Standards</u>	<u>Materials and Resources</u>	<u>Major Assignments</u>
● #9 Natural Hazards ○ Earthquakes ○ Volcanoes ● #5 Changes in Life Forms ○ Patterns in the Fossil Record ○ Evidence of Common Ancestry ● #6 Natural Selection and Adaptation ○ Variation, Survival, and Reproduction ○ The Process of Evolution ○ Genetic Technologies	8.ESS3.1 8.LS4.1 8.LS4.2 8.LS4.3 8.LS4.4 8.LS4.5	SAVVAS Textbook & Online Resources	● Topic 9 Test ● Topic 5 Test ● Topic 6 Test ● Quarter 3 Benchmark ● Quarter 3 Notebook Test

**Fourth Nine Weeks
(April - May)**

<u>Objectives/Topics Covered</u>	<u>Standards</u>	<u>Materials and Resources</u>	<u>Major Assignments</u>
● Review All Topics for TCAP Testing	Review All Standards for TCAP Testing	SAVVAS Textbook & Online Resources	● TCAP Test ● Quarter 4 Notebook Test