

WBAIS MIDDLE SCHOOL: Grade 7

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| SUBJECT | August | September | October | November | December | January | February | March | April | May/June | |
| | Trimester I | | | | Trimester II | | | | Trimester III | | |
| MATH | Assessment: Beginning/End-of-Year Assessment Assessment: MidYear Assessment: Shared with Students/Parents | | | | | | | | | | |
| | Review: Data Analysis and Presentation; Fraction, Decimals, and Percents; Rational and Irrational Numbers; Geometry, and; Data Analysis | | | | | | | | | | |
| | | Operations using Integers and Scientific Notations | Variables, Formulas, Expressions and Equations | Solving and Graphing Linear Equations | Graphing Linear Equations using different Methods | Rations, Proportions, Similar Figures | Percent Problems | Prime Factorization, Pythagorean Theorem | Area and Volume of Polygons, Prisms, and Pyramids | | |
| SCIENCE: Systems! | <i>NESA Virtual Science Fair</i> | | | | <i>Systems</i> | | | | | | |
| | <i>Scientific Method</i> | <i>Biochemistry</i> | Cell Biology | Genetics-Mendelian | NESA-VSF | Genetic Disorders | Microbiology | Human Anatomy and Physiology | Skeletal, Muscular, and Digestive Circulatory, Nervous, Endocrine Respiratory, Immune | | |
| | How do scientists find answers to their questions? What skills do scientists use to conduct experiments? How does science relate to real-life? What is the process of scientific inquiry? | | | | Enduring Understandings: Scientists gain new knowledge through the process of scientific inquiry by conducting experiments, collecting data and/ or making observations. Scientists need to research, make observations, collect and analyze data, draw conclusions and communicate their findings. Science improves our quality of life and gives us more information about our world. Scientific inquiry is an ongoing process where one question can lead to another. | | | | | | |
| SOCIAL STUDIES: Interaction! | The Rise and Fall of civilizations Geography: <i>How does geography influence human history? What role does it have in the development of culture?</i> | | | | | | | | | | |
| | China | | | | India | | | Africa | | | |
| READING: | Concept: Individualism "The Clever Magistrate" "We Are All One" <i>Chu Ju's House</i> , Guided fiction, <i>The Examination</i> , by Malcolm Bosse. | | | | History: Hindus Valley to Independence <i>The Kite Rider</i> <i>Freak the Mighty</i> | | | Across the Centuries: Four Ancient Kingdoms African reading circle novels will include <i>Baboon</i> , by David Jones; <i>Listening for Lions</i> , by Gloria Whelan; <i>Facing the Lion</i> , by Joseph Lemasolai Lekuton; and <i>The Ear, the Eye, and the Arm</i> , by Nancy Farmer. <i>Freak the Mighty</i> , by Rodman Philbrick. | | | |
| WRITING: | Writing Strategies Five Paragraph Essay | | | | | | | | | | |
| | <i>Artifact/s: Comparative Essay/Literary Analysis</i> | | | | <i>Artifact/s: Character Sketch Essay/Letter Writing</i> | | | <i>Artifact/s: Letter Writing/ Creative Writing / Literary Analysis Essay</i> | | | |
| Grammar | Capitalization, Text: Writer's Choice Grade Seven, Glencoe. Assessments: Publisher generated objective tests, <i>Write Source 2000</i> Daily Language Workouts | | | | Punctuation: commas, semi-colons, apostrophes, end marks, quotation marks. Text: Writer's Choice Grade Seven, Glencoe. Assessments: Publisher generated tests <i>Write Source 2000</i> Daily Language Workouts | | | Pronoun usage Text: Writer's Choice Grade Seven, Glencoe. Assessments: Publisher generated objective tests <i>Write Source 2000</i> Daily Language Workouts | | | |

