

SDMS 8TH GRADE MONTHLY MEMO

2017-2018 Academic Year

Month: March

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| Algebra | <p>This month students will be studying quadratic functions. We will model real world situations using quadratic functions. We will also cover how to solve quadratic equations using graphing, square root method, factoring, completing the square, and the quadratic formula.</p> <p>Students should be completing one hour of Khan Academy each week to prepare for the EOC.</p> <p>Tutoring is Tuesdays 2:15-3:15</p> <p>Mr. Myers: myers_michah@hcde.org</p> <p>Mrs. Lowry: lowry_m@hcde.org</p> |
| English/Language Arts | <p>This month we will continue working on our Connections Project focusing on final drafts of our papers and the visual component.</p> <p>Mrs. Barton: barton_a@hcde.org</p> <p>Mrs. Green: green_s@hcde.org</p> |
| Math | <p>We will be moving out of systems of equations and into scatter plots. Students will be creating scatter plots from different data sets and analyzing using the line of best fit. We will then be moving into geometry concepts such as transformations. Students will be rotating, reflecting, translating, and dilating figures on a coordinate plane.</p> <p>Students should be completing 15 minutes of Khan Academy each night Monday - Wednesday</p> <p>Tutoring is Tuesdays 2:15-3:15</p> <p>Mrs. Lowry: lowry_m@hcde.org</p> <p>Mr. Myers: myers_michah@hcde.org</p> |
| Science | <p>This month in science students will complete a unit on chemical reactions, balancing equations and conservation of mass. Next, we will study the pH scale and acids and bases. Students will participate in several inquiry activities and labs in these different areas of chemistry. We will study the difference between mass and weight, the factors that influence the amount of gravitational force between objects and how gravity affects the orbits of objects in our solar system. Students will engage in computer simulations that explore these concepts. Then we will discuss how the magnetic fields of the Earth, a magnet and electromagnet compare and the relationship between magnetism and electricity. Students will investigate magnetism and magnetic fields in a laboratory investigation. Students will also investigate electromagnetism by using a magnet to create an electric current and create an electric current using a magnet and wire coil.</p> <p>Mrs. Mulkey: mulkey_judy@hcde.org</p> <p>Ms. Brainerd: brainerd_m@hcde.org</p> |
| Social Studies | <p>This month in Social Studies, we will be studying Andrew Jackson, Manifest Destiny, the Texas War for Independence, James K. Polk, the Mexican War, the Gold Rush, causes of the Civil War, and the Civil War.</p> <p>Mrs. Freelend: freelend_j@hcde.org</p> <p>Ms. Brainerd: brainerd_m@hcde.org</p> |
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