

8th Grade Science 2019-20 CURRICULUM MAP

Mr. Parsons
Liberty Common High School

<u>Month</u>	<u>Unit Topics</u>
August/September	Review scientific method and metric system Motion <ul style="list-style-type: none">- Speed, velocity, and acceleration- Newton's Laws of Motion Forces <ul style="list-style-type: none">- Measuring force- Balanced and unbalanced forces
October/November	Density and Buoyancy <ul style="list-style-type: none">- Calculate density of various substances- Determine buoyant forces Work, Energy, and Power <ul style="list-style-type: none">- Power, Work, Force, and Distance- Kinetic and Potential energy- Simple machines
January	Electricity <ul style="list-style-type: none">- Electrical safety- Static electricity- Flowing electricity
/January	Magnetism and Electricity <ul style="list-style-type: none">- Earth's magnetism- Connection between electricity and magnetism
February	Electromagnetic Radiation and Light <ul style="list-style-type: none">- Waves and electromagnetic radiation- The electromagnetic spectrum, light and colors- Refraction and reflection
March/April	Sound Waves <ul style="list-style-type: none">- General properties of waves- Frequency and amplitude
April/May	Chemistry of Food and Respiration <ul style="list-style-type: none">- Food energy and the sun- Photosynthesis in plants- Respiration in animals- Human nutrition and respiration- Human health

LCHS Science Department Assignment Policies

Assignments/Missing Work

An assignment that is one day late will receive 70% of earned credit. Assignments turned in up until the unit test will receive credit depending on teacher discretion. Following the unit test all missing assignments from that unit will become zeroes. Work turned in without a name will lose 10% from the score on that assignment. Students with missing work or a C- or below are not in "good standing" per LCHS policy and will not be allowed to leave at 2:45. These students are encouraged to attend 9th hour help club with their science teacher. Failure to attend may result in a school violation, parent contact, and possibly a conversation with the Dean of Students.

Projects

Projects are due on the scheduled date or earlier. If a student is absent on the day a project is due, parents must turn it in.

Labs

If a student is absent on the day of a lab, the lab must be made up within one week of the absence (scheduled with the teacher on their own time) or the student will receive a 0% on the lab. The lab must still be completed.

Tests/Quizzes

Students are expected to take tests/quizzes on the scheduled dates, even if they were absent the day before the test. If a student is absent on the day of the test/quiz, it will be taken the day the student returns to school.