Curriculum Map for
Natural Disasters Course

Meteorological Events Unit (7 Weeks)

1. **Atmospheric Structure – Ozone Depletion**
2. **Energy Transfer in the atmosphere**
3. **Wind systems – global and local**
4. **Atmospheric pressure**
5. **Water in the atmosphere**
6. **Cloud/fog formation and types**
7. **Precipitation formation and types**
8. **High and low pressure systems**
9. **Frontal systems**
10. **Thunderstorm formation**
    a. **Flash Floods**
    b. **Lightning**
    c. **Hail**
    d. **Tornadoes**
    e. **Microburst**
11. **Storm systems**
    a. **Hurricanes**
    b. **Snow storms**
    c. **Floods**
12. **Climatology**
    a. **Drought**
    b. **Global warming - Is it happening?**

Geological Events Unit (7 Weeks)

1. **Continental Drift Theory**
2. **Plate tectonics and seafloor spreading**
3. **Plate boundaries**
4. **Earthquakes**
    a. **Seismic wave speeds**
    b. **Finding the epicenter**
    c. **Tsunamis**
5. **Volcanoes**
    a. **Types**
    b. **Mt St Helens**

Astronomical Events Unit (5 Weeks)

1. **Solar system**
   a. **Formation**
   b. **Planets, asteroids, comets, etc.**
   c. **Earth impacts**
2. **Star life cycle**
   a. **Our sun**
   b. **Supernovas**
   c. **Black holes, neutron stars**

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.

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.