



# Center Elementary School

## Course Syllabus

### 4th Grade Science

| Course Description & Overview                                                                                                                                                                                                                                            | Textbook or Curriculum Source                                                                                                                                    | Assessments for Course                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Students will explore the world around them through hands-on activities, experiments, and investigations. We'll cover topics like matter and energy, force and motion, earth and moon, and life science. Students will learn how to ask questions, and make predictions. | <ul style="list-style-type: none"> <li>• HMH</li> <li>• Lone Star Learning</li> <li>• Flocabulary</li> <li>• Discovery Education</li> <li>• Brain Pop</li> </ul> | <ul style="list-style-type: none"> <li>• Midpoint Assessment</li> <li>• Nine Week Assessment</li> <li>• MAP Test</li> </ul> |

#### Course Content by Grading Period

|                           |                                                                                                                                                                                                                       |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1st Grading Period</b> | Unit 1: Investigating Physical Properties of Matter<br>Unit 2: Investigating Mixtures<br>Unit 3: Investigating Force and Motion                                                                                       |
| <b>2nd Grading Period</b> | Unit 3: Investigating Force and Motion (continue)<br>Unit 4: Investigating Energy<br>Unit 5: Investigating Weather and Climate                                                                                        |
| <b>3rd Grading Period</b> | Unit 5: Investigating Weather and Climate (continued)<br>Unit 6: Investigating Natural Resources<br>Unit 7: Investigating Earth's Patterns of Change<br>Unit 8: Investigating Patterns Among the Sun, Earth, and Moon |
| <b>4th Grading Period</b> | Unit 8: Investigating Patterns Among the Sun, Earth, and Moon<br>Unit 9: Investigating Ecosystems<br>Unit 10: Investigating Structures and Functions of Organisms                                                     |

#### Grading Policy

Assessments and assignments must meet the rigor required by the TEKS. Each grade level core subject committee will determine the common assessments to be used. Each core subject area will have the following minimum number of grades each nine weeks:

ELA (Reading, Phonics, Writing, Grammar) – 9

Math – 9

Social Studies – 7

Science – 7

The nine-weeks grade for Math, Science and Social Studies will be the average of the grades recorded. The nine-weeks average for ELA will be based on 50% Reading and 50% Writing.