### Centerview Elementary

### 7th Grade Science

### **2023-2024 Syllabus**

### **Part 1: Course Information**

### Instructor Information

### Instructor: Kimberly Moody

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**Course Description**: The academic standards for seventh grade establish the content knowledge and skills for Tennessee students necessary to prepare them for the rigorous levels of higher education and future job markets. The course provides students with a wealth of experiences for both science practices and content knowledge. The academic standards for science in seventh grade are research-based and supported by the National Research Council’s Framework for K-12 Science Education. The academic standards herein establish the core content and practices of science and engineering, as well as what Tennessee students need to know by the end of seventh grade.

**Course Texts: McGraw Hill: Integrated Science**

**Course Structure**: Lecture, discussion, drill and practice, laboratory experiments, and group investigations.

**Online Resources*:***

***Tennessee State Academic Standards for Science***: <https://www.tn.gov/content/dam/tn/stateboardofeducation/documents/massivemeetingsfolder/meetingfiles4/10-20-17_III_J_Non-Substantive_Changes_to_Math_ELA__Science_Standards_Attachment_3_-_Science.pdf>

**Part 2: Student Learning Outcomes**

SEVENTH GRADE: ACADEMIC STANDARDS

* 7.PS1: Matter and Its Interactions
* 7.LS1: From Molecules to Organisms:
* 7.LS2: Ecosystems: Interactions, Energy, and Dynamics
* 7.LS3: Heredity: Inheritance and Variation of Traits
* 7.ESS3: Earth and Human Activity
* 7.ETS2: Links Among Engineering, Technology, and Applications of Science

 You will meet the objectives listed above through a combination of the following activities in this course:

* Daily class participation and note-taking
* Quizzes and chapter tests
* Posters illustrating standards based topics of study
* Slideshow presentation regarding assigned curriculum based topics
* Essays based upon reading texts and textual evidence
* Models based upon standards based topics study

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| Topic | Assignments and Projects |
| **Atoms, Molecules, and Mixtures** |  Various assignments, quizzes, chapter assessments, unit assessments  |
| **Physical and Chemical Properties** |  Various assignments, quizzes, chapter assessments, unit assessments |
| **Law of Conservation of Mass** |  Various assignments, quizzes, chapter assessments, unit assessments |
| **States of Matter** | Various assignments, quizzes, chapter assessments, unit assessments |

**Part 3: Topic Outline/Schedule**

**1st 9 weeks**

# **2nd 9 weeks**

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| Topic | Assignments and Projects |
| **Cells** |  Various assignments, quizzes, chapter assessments, unit assessments |
| **Multicellular Organisms**  |  Various assignments, quizzes, chapter assessments, unit assessments  |

# **3rd 9 weeks**

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| Topic | Assignments and Projects |
| **Cycling of Matter** |  Various assignments, quizzes, chapter assessments, unit assessments |
| **Reproduction** |  Various assignments, quizzes, chapter assessments, unit assessments |
| **Mitosis and Meiosis** |  Various assignments, quizzes, chapter assessments, unit assessments |
| **Heredity** | Various assignments, quizzes, chapter assessments, unit assessments |
| **Biomaterials** | Various assignments, quizzes, chapter assessments, unit assessments |
| **Earth’s Atmosphere and Climate** | Various assignments, quizzes, chapter assessments, unit assessments |

# **4th 9 weeks**

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| Topic | Assignments and Projects |
| **TCAP Test Prep and Practice Tests** |  |

**Part 4: Grading Policy** **Weighted Grade Policy**

A – 90-100 Classwork/In-class assignments – 30%

B – 80-89 Quizzes – 30%

C – 70-79 Tests – 40%

D – 60-70

F – 0-59

Points you receive for graded activities will be posted to the Aspen Grade Book: [**https://sis-cocke-county.tnk12.gov/aspen/logon.do**](https://sis-cocke-county.tnk12.gov/aspen/logon.do)

**Part 5: Course Policies**

Academic Dishonesty Policy
**1. Academic dishonesty includes such things as cheating, inventing false information or citations, plagiarism and helping someone else commit an act of academic dishonesty. It usually involves an attempt by a student to show possession of a level of knowledge or skill that he/she does not possess.**
**2. Teachers have the initial responsibility for detecting and dealing with academic dishonesty. Instructors who believe that an act of academic dishonesty has occurred are obligated to discuss the matter with the student(s) involved. Instructors should possess reasonable evidence of academic dishonesty. However, if circumstances prevent consultation with student(s), instructors may take whatever action (subject to student appeal) they deem appropriate.**
**3. Teachers who are convinced by the evidence that a student is guilty of academic dishonesty shall assign an appropriate academic penalty. If the teachers believe that the academic dishonesty reflects on the student's academic performance or the academic integrity in a course, the student's grade should be adversely affected. Suggested guidelines for appropriate actions are: an oral reprimand in cases where there is reasonable doubt that the student knew his/her action constituted academic dishonesty; a failing grade on the particular paper, project or examination where the act of dishonesty was unpremeditated, or where there were significant mitigating circumstances; a failing grade in the course where the dishonesty was premeditated or planned.**

**Student Testing Code of Ethics and Security**

     It is important for you as a student to know that the following guidelines are to be strictly followed.  This year the TNReady test will count at least 10% of your final semester grade.  Your work on this test is very important and it deserves your best effort.
I understand that during testing on the days of the assessment, I am responsible for:

* Not having any electronic devices on me or in my purse/backpack/pockets
	+ Including but not limited to cell phones, smart phones, smart watches, etc. **during testing or during breaks.**
	+ Best practice is for students to leave devices at home or in their lockers on the day of testing.
	+ If I am caught with a device during testing or during breaks, my test may be nullified, resulting in a zero as at least 10% of my final semester grade, and any school level disciplinary action as deemed appropriate by the administration.
* Trying my best on the test
	+ If I do not attempt to test (I give **no answers or randomly answer** questions) my test score may be nullified, resulting in a zero as at least 10% of my final semester grade, and any school level disciplinary action as deemed appropriate by the administration.
	+ The testing administrators and proctors in the testing environment will determine if no answers or random answering is taking place.
	+ I will focus and put forth effort on the test.
* Being honest and not cheating
	+ If I am caught cheating (taking pictures of the test, writing down and passing answers, talking to other students, looking on other computers, using software outside the testing platform), my test  may be nullified, resulting in a zero as at least 10% of my final semester grade, and any school level disciplinary action as deemed appropriate by the administration.

**Important Note:** Any form of academic dishonesty, including cheating and plagiarism, may be reported to the office.

**Course policies are subject to change.** It is the student’s responsibility to check for corrections or updates to the syllabus. Any changes will be posted in the classroom.