



## 6 Science Syllabus

<b>School Name: Parkview MS</b>	<b>Contact Information</b> 6 Gold: Valerie Greiner <a href="mailto:valerie.greiner@ankenyschools.org">valerie.greiner@ankenyschools.org</a> 6 Maroon: Erin Luense <a href="mailto:erin.luense@ankenyschools.org">erin.luense@ankenyschools.org</a> 6 Platinum: Jackie Holland <a href="mailto:jackie.holland@ankenyschools.org">jackie.holland@ankenyschools.org</a> School Phone: (515) 965-9640
<b>Course: 6 Science</b>	

### Grade Level Standards

- Sci.06.01 Students will develop models of how atoms create molecules and how they are altered by physical and chemical changes
- Sci.06.02 Students will construct an explanation about how features on the Earth's surface are constantly changed by a combination of slow and rapid processes including weathering, erosion, volcanoes, mountain formation, and earthquakes.
- Sci.06.03 Students will develop models of cells, show how cells make up organs and living things, and construct an explanation showing why some organisms have identical offspring, while others exhibit genetic variation.

### Student progress will be monitored and communicated on grade level standards:

**LEVELS OF PROFICIENCY**

- ADVANCED**  
ADV  
The student demonstrates learning beyond the expectations of proficiency.
- MEETING**  
MTG  
The student demonstrates learning that meets the expectations of proficiency.
- PROGRESSING**  
PRG  
The student demonstrates learning that partially meets the expectations of proficiency.
- BEGINNING**  
BEG  
The student demonstrates learning that begins to meet the expectations of proficiency.
- INSUFFICIENT**  
INS  
The student has not yet submitted the required amount of evidence. It is missing or it is incomplete.

- A Level of Proficiency will be assigned for each grade level standard.
- At each reporting period students will receive a beginning, progressing, meeting or advanced mark to indicate progress toward mastery of each standard.
- Teachers will show the connection between a student's performance on evidence collected and a level of proficiency. This connection will be communicated throughout the learning progression in class for the purpose of providing student feedback.
- Infinite Campus will be utilized to communicate progress toward proficiency on grade level standards.
- While Infinite Campus will typically reflect current levels of proficiency, communication around student progress will be electronically updated (current to-date) at 9, 12, and 18 weeks each semester.

## Multiple and Varied Opportunities to Demonstrate Proficiency

All students will have multiple and varied opportunities to demonstrate proficiency. Additional opportunities may include demonstrating proficiency on only the content/skills not mastered, spiraling of content/skills with subsequent standards, or utilizing an alternate type of evidence (e.g., oral vs. written response, student revision of work products based on descriptive feedback, etc.).

- Teachers determine appropriateness and authentic need for additional opportunities.
- Additional opportunities will be provided at the discretion of the teacher.
- Additional opportunities will be given within a reasonable time frame that the teacher determines and students will be communicated with in advance.

## The Role of Homework

Homework is an opportunity for students to practice skills, apply knowledge, review and build on past learning, and extend learning. Homework is individualized and based on each student's progress towards established standards. Through independent learning tasks (homework), students assume more responsibility for their learning and are given opportunities to apply what they have learned to new situations or experiences.

## Work Habit Expectations

The work habits standards are for courses in grades 6-12. These work habit standards will be reported throughout the semester and are as follows:

Work Habits Standards	Performance Levels for Work Habits Standards:
1. Organization and Readiness 2. Productivity and Accountability 3. Collaboration Skills	<b>MS</b> = Meets Standard <b>PM</b> = Partially Meets Standard <b>DM</b> = Doesn't Meet Standard <b>NE</b> = No Evidence

## Ways to Support Your Learner at Home

**Inquire about what your child is learning in class.**

What are you learning about in class?

What do you need to do to meet the standard?

How might you get to the next level of proficiency? (ie. progressing to meeting or meeting to advanced)

How would you rate your work habits in science class? Why?

**Check the Team Agenda with your child.**

Team agendas communicate classroom activities, homework, and additional learning opportunities.

**Encourage your child to ask questions.**

Prompt your child to ask questions of their teachers in person or via email as the need arises.

**District Office 306 SW School Street PO Box 189 Ankeny, IA 50021-0189  
P: 515.965.9600 F: 515.965.4234 W: ankenyschools.org**