



Three Rivers School District

PLANNED COURSE STATEMENT

Course Title: STEAM (Science, Technology, Engineering, Art, Math)	Grade Level(s): 6th-8th
Length of Course: Quarter	Required/Elective: Elective
Adopted/Supplemental Materials: N/A	

Offered at:	Applegate	Fleming	Lincoln Savage	Lorna Byrne X
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COURSE DESCRIPTION:

This course is to allow students, who are showing a need for expedited learning an opportunity to put their understanding to work. It is necessary for students to manipulate the activities physically in an effort to improve science understanding in the Illinois Valley. Using science daily helps the student understand the regular interactions with climate, global wind patterns, tectonic plates, and chemical reactions. This course will help students better understand math and science in terms of life on the planet.

COURSE GOALS:

Students will grow and develop curiosity, problem-solving, and communication in:

- Define genetic spread
- Heat transfer
- Oceanic currents
- Wind currents
- Global warming
- Tectonic activities

ASSESSMENT STRATEGIES:

- Class participation
- Assignments after each unit
- Lab experiments
- Lab report
- Formative and summative assessments

ACCOMMODATIONS AND MODIFICATIONS:

- Instruction will be adjusted according to the student's rate of learning.
- For students on an IEP/504, grading will be adjusted to reflect progress.
- Extended learning activities will be made available and encouraged on an individual basis.

CAREER RELATED LEARNING STANDARDS:

This course will help broaden students' scientific understanding and base knowledge. Students will begin to explore their aptitudes and interests as they learn about the scientific methods and safety in the lab. Students will also learn how to get along with others as they learn to listen to opposing viewpoints and back up their own. Students will also learn how to work with others in the lab as cooperative learning is necessary for better scientific understanding.