# Academic Info at Leota Middle School

Ms. Nelson, Social Studies

Ms. Miller, English

Ms. Adams, Science

Ms. Mann, Math

### **Social Studies**

- Curriculum: History Alive! Ancient Civilizations & Medieval World and Beyond
  - Ancient Civilizations:
    - Mesopotamia
    - ➤ Egypt
    - ➤ Greece & Rome
    - India & China

- Medieval World and Beyond:
  - Europe during Medieval Times
  - Civilizations of the Americas
  - Islam in Medieval Times
  - Cultures and Kingdoms of West Africa
- Projects throughout the year, typically one per unit.
- Homework usually consists of completing classwork and studying for exams.
- Independent and cooperative learning opportunities.
- Presentations typically once every other month.
- One large research project, usually starting in 3rd quarter

## English

- Springboard Curriculum
- Personal Narratives
- Short Stories
- Literary Response to Class Novel
- Explanatory essay
- Argumentative essay
- Shakespeare
- Overall theme of the year is CHANGE

Vocab, independent reading, book clubs, grammar, paragraph writing, revising strategies

## Science

Theme: CHANGE

Observing and identifying variables and factors that affect scientific systems.

#### Systems (Units)

- \*Matter and Its Interactions
- \*Weather & Climate Systems
- \*Structure and Function

We do this by observing, analyzing and applying scientific data using interactive composition notebooks, formative assessment, and hands-on learning.

## Math

- Standards of mathematical practice call for students to make sense of problems and persevere in solving them, reason abstractly and quantitatively, construct viable arguments and critique the reasoning of others, model with mathematics, use appropriate tools and attend to precision.
- Connecting ratio and rate to multiplication, division and problem solving
- Extending the notion of 'number' to the system of rational numbers (positive, negative, decimal and fraction)
- Writing, interpreting and using expressions and equations
- Developing understanding of statistical thinking
- Solving problems involving area, surface area and volume

## Philosophy

- Growing students who are responsible, respectful and resourceful members of the community
- Mutual respect every student, every day
- Faith in the ability of all students growth mindset
- Problem-solving and discussion
- Kindness <u>and</u> firmness
- Patience...

### How?

- Gradual release of responsibility
- Productive group work
- Reflective self-assessment
- Family-teacher communication
- Plenty of practice!