

Stars House Mathematics Class Syllabus

CONTACT INFORMATION

Teacher: Mrs. Kasey Puyear
Email: puyeark@jenningsk12.org
School: 314.653.8150 Room: N206

Course: Mathematics
Webpage: www.mrspuyearsmathclass.weebly.com
Planning Period: 5th hour (1:41-2:55)

COURSE DESCRIPTION

The objective of the Mathematics course is to develop skills for algebraic understanding. This course will help students to build a strong conceptual understanding of the basic skills needed to succeed in high-level mathematics. Students will build on the skills they mastered in previous math class. While building basic algebraic skills, an emphasis upon communication, logic and reasoning skills will be woven throughout the course to help students connect the mathematics they learn in the classroom with the world around them.

COURSE EXPECTATIONS

Alignment of the Jennings School District Mathematics Curriculum to the Missouri Learning Standards ensures that the children are learning the appropriate standards at the appropriate time. Students are expected to be proficient or advanced on each standard to ensure success in future learning and life skills.

STUDENT RESPONSIBILITIES

Notes: Notes will be given on a daily basis. Students are expected to keep a math section in their binder with the notes and any guided practice given in class. Vocabulary words will be a part of the daily notes.

Homework: Homework assignments will be assigned Monday thru Thursday. Homework is expected to be complete the next day and ready to be checked at the beginning of the class period. Any homework assignment that is not ready at the beginning of the class period is considered late and grade deduction will occur. Homework will be accepted up to the Friday of the following week it is assigned. Homework will count as part of the student's grade and factored into the Homework category.

Classwork: Classwork will be done on a daily basis. Classwork is to be completed in the math classroom on the day it is assigned and turned in to the teacher at the end of the period. Classwork should not be taken out of the classroom and a grade of a **ZERO** will be assigned if it is. All classwork will be factored into the Classwork category of the student's grade.

Make-Up Work: The student is responsible for checking the "While you were out" folder for any missed work and completing all missed assignments, notes, and vocabulary terms and turning them in accordingly. This should be done on the student's time not during class instruction. Class time is not the time to do make-up work, this includes catching up on any missed notes.

~During an excused absence, the student is allowed the same number of days absent in order to make-up work.

~During an unexcused absence, assignments are due the day after the student returns to class. Any late work will result in a percentage deduction such as that for late assignments.

Common Formative Assessments (CFAs): A CFA will be given on a bi-weekly basis. It will cover the standards that are currently being taught as well as previously taught standards. Students are expected to show mastery (80% or higher) of the standards. CFAs will count as part of the student's class grade under the Assessment category. Students are expected to come to class prepared with their notebooks and pencil. Students who choose to talk during an assessment or use their electronic device will be given a zero and will have to come in at an approved time to complete a replacement assessment.

TECHNOLOGY

Students will utilize Chrome books in the math classroom. They will access and complete assignments through the following websites, among others:

- | | |
|----------------------|-------------------|
| ✓ IXL.com | ✓ Khanacademy.org |
| ✓ Schoology.com | ✓ Virtualnerd.org |
| ✓ Xtramath.org | ✓ Kahoot.com |
| ✓ Nextlesson.com | ✓ Quizizz.com |
| ✓ Engrade.com | ✓ Quizlet.com |
| ✓ Masteryconnect.com | |

Any student that is caught misusing the technology will be subject to the district mandated consequences. If a student should need to be removed from a computer all work will then be completed as paper copies.

COURSE MATERIALS

SUPPLIES ***Needs to be replenished throughout school year as needed

Pencils, Pens and Erasers

1 Single Subject Notebook (for Homework) kept in the student’s 3 ring binder behind the math tab

Loose leaf paper (for classwork)

1 Scientific Calculator (Optional)

1 package of colored pens or markers (for note-taking) (Optional)

GRADING and ASSESSMENTS: Grades will be determined in the following way:

TERM GRADES

Homework 10%

- ∞ Daily 4

Class assignments 30%

- ∞ Winter Break Packet (=3 Assignments)
- ∞ Practices and Exercises
- ∞ Weekly Do Nows
- ∞ Student Note-taking checks
- ∞ Constructed response

Assessments 60%

- ∞ Bi-Weekly CFAs
- ∞ Performance Tasks
- ∞ Projects
- ∞ Exit Slips
- ∞ Engrade District Assessments

SEMESTER GRADE

7th grade

- ∞ Term 1 Grade—50%
- ∞ Term 2 Grade—50%

8th Grade

- ∞ Term 1 Grade—40%
- ∞ Term 2 Grade—40%
- ∞ Mid-Term Exam—20%

GRADING SCALE

100%--90%	A
89%--80%	B
79%—70%	C
69%--60%	D
59% and below	F

DISTRICT ASSESSMENTS

***Engrade 1: Week of September 24th
 ***Engrade 2: Week of December 10th
 ***Engrade 3: Week of February 11th

Course of Study

7 th Grade		8 th grade	
Topic	Number of days	Topic	Number of day
M1: Ratios and Proportional Relationships	30	M1: Integer Exponents and the Scientific Notation	20
M2: Rational Numbers	30	M2: The Concept of Congruence and Similarity	50
M3: Expressions and Equations	35	M3: Linear Functions and Equations	60
M4: Percent and Proportional Relationships	25	M4: Examples of Functions from Geometry	20
M5: Statistics and Probability	25	M5: Introductions to Irrational Numbers Using Geometry	20
M6: Geometry	35		