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Math Course Syllabus 2018-2019

Website: <http://gms6math.weebly.com/>

Sixth grade math students will work in five different areas; Number and Operations, Algebra, Measurement, Geometry, and Data and Probability. Specifically, you can access the following link on the Michigan Department of Education's site to see detailed information in each of these five strands. http://www.michigan.gov/documents/Math_06_87408_7.pdf Our text book is CMP 3 and the units with detailed concepts, explanations, and math background can be found with this link: <https://connectedmath.msu.edu/families/helping-with-math/cmp3-grade-6/>

It is our goal to teach children how to learn by thinking, comparing, analyzing, applying and evaluating information. Students will learn to; think, ask questions, plan and conduct investigations, use appropriate tools and techniques to gather data, think critically and logically about relationships between evidence and explanations, construct and analyze alternative explanations, and communicate mathematical arguments.

Evaluation:

Academic grades are based on quiz and test scores.

Employability grades are based on punctuality, following directions, classroom behavior, participation and being prepared for class.

Learning in math will include:

Active Participation:

- Passive to active participants
- Allow for individual expression

Real-World Connections:

- Experiences that promote the ability to solve problems
- Problems may have too much or not enough information, with more than one solution

Reasoning:

- Students will make conjectures, test their ideas, and build arguments
- Students will make rational estimations, assumptions, and decisions in solving long problems

Communication:

- Students communicate their ideas and learn to clarify, refine, and consolidate their thinking

Mistakes:

- Are allowed!!!!!!
- Student are rewarded for their reasoning and process, not just for the correct answer

Supplies: Students are encouraged to have

- A one inch 3-ring binder with lined paper and pocket folder
- Earbuds or headset
- Pencils, erasers, pencil sharpener
- Highlighters (three colors), thin colored markers
- Calculator - used for select units (Any calculator works, the TI - 30X II is preferred)

This is an exciting time and I look forward to being an encouraging, positive, and supportive role model in your son/daughter's education.

Sincerely,

Mrs. Dickerson & Ms. Johnson ☺