

Practical Math SYLLABUS

Course Name: Practical Math 1, 2, 3, 4

Course Number: XSM 121/122, XSM 221/222, XSM 321/322, XSM 421/422

Teacher Name: Maria Araeipour (co-teacher/collaborator general education math teacher Amber McDonough)

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Office Hours: You can reach me 7:00 a.m.-7:30 a.m. in room A104, 5th period “A”, “B”, or “D” study periods in A104, and after school by appointment only.

Course Description

This course is an integrated mathematics course. Concepts are introduced incrementally and are continually practiced throughout the problem sets. Students continue to build concepts of each course 1, 2, 3, and 4, while introducing new concepts in the form of number sense, writing and solving equations, working with data, fractions, scale models, substitution, positive and negative numbers, linear functions, and more.

Alignment to Iowa Core Curriculum

- Course 1: Understands and applies concepts of numbers and operations and geometric properties
- Course 2: Understands and applies concepts of fractions, geometry, and probability
- Course 3: Extends understanding of fractions and creates equations that describe numbers or relationships.
- Course 4: Understands and applies concepts of functions and geometry.

Core Materials

Math 180 mSpace book

Headphones for computer applications

Required Materials

To successfully complete this course, you will need:

- ❖ **Pencils**
- ❖ **Planner**
- ❖ **mSpace book (kept in room)**
- ❖ **Headphones (option to be kept in room if personal headphones others available from teacher to be kept in the room)**

Content:

- ❖ Completed mSpace lessons for the week (number of lessons may vary)
- ❖ 15 minutes of software per day (generally a total of 75 minutes a week)
- ❖ Log into Brain Arcade 3 times per week.

Instructional Strategies:

- ❖ Re-teaching
- ❖ Small group
- ❖ One-on-one
- ❖ Independent work
- ❖ Group work

POLICIES AND PROCEDURES

General Rules: Follow RAM Core Values- Integrity, Respect, Engagement

- Respect for self and others
- Follow directions
- Be on time
- Participate/ be on task
- Bring materials to class. **Must have a pencil!!**
- Complete assignments on time (you may lose points for late assignments)
- Worry about yourself
- Food and drinks not allowed. You may have water in the classroom.
- Technology devices: Have turned off and put away during class time.
- The words “I can’t” are not allowed. **THINK POSITIVE!!**
- Have **FUN!**

Attendance

In accordance with Dubuque Senior High School and district attendance policy-every student is expected to be in class daily and on time. Students who are absent from school miss instruction which could negatively impact the student’s grades. Students are required to do make-up work within a reasonable amount of time for all absences.

Conduct and Expectations

Students will be expected to comply with conduct and policies as defined in the student agenda. Most of the following issues will be handled between the student and teachers. If recurring, parents and administration will become involved.

- Homework is expected on time.
- If absent, it is your responsibility to get your missed work from your classroom folder, and make up the work within the same amount of days as the absence. For longer absences, arrangements will be made.
- Quizzes and tests must be made up within 3 days of the absence.
- Incidences of copying or cheating will result in a ZERO and a call home.
- SHOW RESPECT for teachers, students and yourself by using work time appropriately, coming prepared, and using proper behavior and language.
- **Cell phone use and texting will not be tolerated during class time. PHONES WILL BE TURNED INTO THE A.P. OFFICE if they have them out during class time. In an emergency, students can request to use a classroom phone.**

Missing or Late Work

In the event of missing class time, the following need to be met:

- Late class work or assessments needs to be completed and shown to teacher by the end of the week to receive full credit.
- Work shown after that point will receive half credit.
- Computer time needs to be completed by the end of the week. There will not be any accepted computer work after the end of the week.

Behavior Expectations

Everyone in this class will be expected to behave in a respectful manner. That means respect for each other, property, the teachers, and yourself. We will go over more specific examples of acceptable and unacceptable behavior together in class. You are also expected to accept responsibility for your learning. That means trying your hardest.

If at any point there is a concern with your academic progress or classroom conduct we will have a meeting with you to discuss the situation. Your past performance in my class, the circumstances of the concern, and the seriousness of any incident you are involved in will influence the strategy or intervention chosen to help improve your academic and/or behavioral success. Possible strategies or interventions may include but are not limited to:

- Verbal warning
- Phone call/e-mail home
- Detention (lunch, before school, after school)
- Conference with parent/guardian, assistant principal and/or guidance counselor
- AP Referral

Communication

Power school will be updated at least once a week. I will also have continued communication with case manager to discuss progress in class.

Evaluation

Your grade will consist of daily math lessons (40%), assessments (40%), and computer work (20%).

Grading Scale:

A = 93 – 100%	C = 73 – 76%
A- = 90 – 92%	C- = 70 – 72%
B+ = 87 – 89%	D+ = 67 – 69%
B = 83 – 86%	D = 63 – 66%
B- = 80 – 82%	D- = 60 – 62%
C+ = 77 – 79%	F = 59% or below