7th Grade Math Syllabus

Instructor: Mr. Larson

Room: Math Room #6

Email: jade.larson@k12.nd.us

Office Hours: Before and after school, 2:11-3:01, or by appointment

Class Overview: "Students will continue to learn and apply problem-solving skills and strategies. Students will be provided with ongoing opportunities to apply their math skills and solve problems using visual thinking, logical reasoning, number sense, and algebra." My goal is to get each individual to think outside of the box, to work cooperatively with others, and commit to quality of their work.

1. **Class Objectives**

   -To communicate mathematical thought
   -To work cooperatively with other students in solving problems
   -To develop personal discipline and commitment to quality of work

2. **Class Materials**

   -Textbook

   -Notebook

   -Folder or Binder

   -Pencil(s)

   -Calculator (You can buy cheap ones at Walmart or other stores)

   -Anything else I may have asked you to bring from the previous day including homework

3. **Grading**

   -A: 93% or higher

   -B: 85% - 92%

   -C: 77% - 84%

   -D: 69% - 76%

-F: 68% or lower

**Tests are graded on a 90-80-70… scale. If you receive a 90% on a test, it will go into Power School as a 93%. Homework will be graded on a 5 pt system unless otherwise stated. I am not required to give out bonus points in my class, however, I do give some opportunities throughout the year so take advantage of them! I will not give some student other extra credit opportunities because of the ones I already offer. I will explain the opportunities throughout the school year. I will also allow students to correct up to 6 tests throughout the school year, so do your best on each test and choose wisely.

Grades may also be affected by attendance, class conduct, and class participation. Remember: If you miss class, it is **YOUR responsibility to get the necessary information and turn in assignments whether excused or not. If you have any questions, please ask during class, office hours, or by email.

4. Classroom Rules (in addition to the school district rules)

Be Respectful

Towards yourself, your peers, me and other staff members.

Anyone not respectful will be dealt with immediately.

Treat others the way you want to be treated. Always be positive!

Be Responsible

Be prepared, arrive on time, and have all necessary materials.

Being organized is the first step to being successful!

Be Safe

"If you believe you can't, you're right. If you believe you can, your already half-way there!"

5. Classroom Procedures

Attention: Pay attention when others are speaking or while I am running class.

Homework and Tests: Be ready to turn in at the beginning of class. I do except late homework but it will lose a half a point each school day. If it is more than 10 school days late, you will receive a 0 on it but are still encouraged to do it to prepare for the test. Homework is for your benefit to learn the material. Please make sure your name, assignment, and date are

written on the top clearly. If you are to miss a test, please make arrangements prior or take within two days. If you feel you could have done better on a test and would like to put in the extra effort outside of class, you may correct your own tests in a different colored pen and must return it to me the next day. For every complete correction done, you can receive up to half the points back on that particular question. You will be allowed to correct half of the tests so choose wisely!

Class Breaks: Breaks may only be taken right at the beginning of class, or during down time. If you need to go to the bathroom, get a drink, or retrieve something from your locker, sign out and take your planner (please leave cell phones if going to bathroom and read cell phone policy in student handbook). Upon arrival, please come in quietly and resume your work.

End of Class: The class is only dismissed once I, someone in my position, or an administrator dismisses you. The class will not be dismissed until everything is put away in place and everything is cleaned up off the floors.

If you are not willing to practice, don't join the team! I will treat everyone like an adult if you are willing to act like one. I am looking forward to getting to know each of you better and having a great year!!

7th Grade Math
Homework Assignments

Chapter 1 Homework
Sect1.1 Pg9-10 (1-7all,18-44evens)
Sect1.2 Pg14-15 (20-60evens)
Sect1.3 Pg20-21 (2-40evens)
Sect1.4 Pg24-25 (1-6all,8-36evens)
Sect1.5 Pg28-29 (1-6all,8-36evens)

Chapter 2 Homework
Sect2.1 Pg48-49 (31-51all)
Sect2.2 Pg54-55 (1-12all,34-52even)
Sect2.3 Pg62-63 (36-57all)
Sect2.4 Pg68-69 (22-60even,64)
Sect2.5 Pg74-75 (8-48evens)
Sect2.6 Pg80-81 (20-50evens,51-53all,55,56)
Sect2.7 Pg84-85 (2-10evens,32-47all)

Chapter 3 Homework
Sect3.1 Pg102-103 (1-9all,28-48evens)
Sect3.2 Pg106-107 (1-9all,28-48evens,52)
Sect3.3 Pg110-111 (2-18even,28-46even,45,47)
Sect3.4 Pg114-115 (12-50evens)
Sect3.5 Pg120-121 (28-60evens,51,53,61)
Sect3.6 Pg124-125 (28-60evens,53,55,59)
Sect3.7 Pg128-129 (28-52evens,43-51odds)
Sect3.8 Pg132-133 (22-48evens,39-49odds)

Chapter 4 Homework
Sect4.1 Pg152-153 (1-8all,10-32even)
Sect4.2 Pg156-157 (29-49all)
Sect4.3 Pg160-161 (1-5all,16-44evens)
Sect4.4 Pg166-167 (5-24all)
Sect4.5 Pg170-171 (1-16all)
Sect4.6 Pg174-175 (1-20all)

Chapter 5 Homework
Sect5.1 Pg196-197 (2-42even,*40)
Sect5.2 Pg200-201 (1-13all)
Sect5.3 Pg208-210 (1-10all,12-30even,34)
Sect5.4 Pg214-215 (10-26all,28,30,32)

Chapter 6 Homework
Sect6.1 Pg234-235 (18-42even,43-46all,49,50)
Sect6.2 Pg238-239 (28-47all)
Sect6.3 Pg242-243 (1-10all,14-34even)
Sect6.4 Pg248-249 (1-4all,13-28all)
Sect6.5 Pg252-253 (1-20all)
Sect6.6 Pg256-257 (5-22all,24,25)

Chapter 7 Homework
Sect7.1 Pg278-279 (1-21all,*19)
Sect7.2 Pg282-283 (1-19all)
Sect7.3 Pg288-289 (1-18all)

Chapter 8 Homework
Sect8.1 Pg312-313 (1-22all,*20)
Sect8.2 Pg 318-319 (1-10all,12-28even,27)
Sect8.3 Pg324-325 (1-12all,14-28even)
Sect8.4 Pg332-333 (10-31all,*29)
Sect8.5 Pg338-339 (1-18all,20,24,25)

Chapter 9 Homework
Sect9.1 Pg362-363 (11-32all,*31)
Sect9.2 Pg366-367 (1-12all,14-26even,30)
Sect9.3 Pg370-371 (1-20all,22)
Sect9.4 Pg376-377 (1-18all,23,24)
Sect9.5 Pg384-385 (1-20all)
Sect9.6 Pg390-391 (1-17all)

Chapter 10 Homework
Sect10.1 Pg408-409 (5-24all)
Sect10.2 Pg412-413 (1-14all)
Sect10.3 Pg416-417 (1-18all)
Sect10.4 Pg420-421 (11-30all)
Sect10.5 Pg428-429 (1-21all,*19)
Sect10.6 Pg436-437 (1-18all)
Sect10.7 Pg440-441 (1-17all)
Sect10.8 Pg444-445 (1-8all,10-22even,25,26)
Sect10.9 Pg448-449 (1-18all)

Chapter 11 Homework
Sect11.1 Pg470-471 (2-36evens,35,37,40)
Sect11.2 Pg474-475 (21-40all)
Sect11.3 Pg478-479 (16-34all,36)
Sect11.4 Pg486-487 (1-10all,28-40even,35,37,39)
Sect11.5 Pg490-491 (1-10all,22-40even)
Sect11.6 Pg494-495 (22-40all,42)
Sect11.7 Pg498-499 (19-38all)

Name: _____

You are going to be creating a 2-story home. Create your dream home: swimming pool, man cave, basketball court, gym etc, but make sure that you have the essentials: bed, bathroom, doors etc. Your main floor will be the essentials floor (bedroom, bathroom, kitchen, living room, etc), and your second floor with be your fun floor (basketball court, swimming pool, man cave, etc.). Be creative, but realistic in the sizes. Your final project will consist of 4 pages:

Page 1 (5pts): This page (Rubric) and everything must be stapled correctly.

Page 2 (17 pts): List of items/rooms, with their respective sizes on the blue-print as well as their actual sizes. You only need to list and give the dimensions of everything on your main floor. This page should have a list of items (5 pts), there blue-print (5 pts) and actual size (5 pts), and a key (2 pts).

Ex.

Item/Room	Blue-Print Size	Actual Size
Bedroom	5 blocks x 5 blocks	20 ft x 20 ft
Bed	1 block x 2 blocks	4 ft x 8 ft
Bathroom	2.5 blocks x 1.5 blocks	10 ft x 6 ft

Scale: 1 Block = 4 ft

Page 3 (12 pts): Your main floor. Do you have all essentials? (5 pts) Does your layout make sense (doors)? /Is there a lot of dead space? (5 pts) Do you have a key? (2 pts)

Page 4 (8 pts): Is it unique to you? (3 pts) Do the measurements make sense? (3 pts) Do you have a key? (2 pts)

Present (3 pts)

Participation in class (5)