

Math Fundamentals Syllabus

First Semester

SY 2020-2021

Course Name: Math Fundamentals

Teacher Name: Ms. Rajie Apatan

CGUHS phone number: (520) 836-8500

Email Address: rapatan@cguhsd.org

Room Number – H104

Textbook(s)/Workbook(s)used:

- ISucceed Math: Targeted Intervention Solution

Course Materials: Folder, notebook, scissors, glue.

Course Objectives/Competencies:

☐ Place Value

Objective: To know the value of each digit (number) in the number system.

☐ Rounding Off Numbers

Objective: To know the rules in rounding off numbers.

☐ Decimals

Objective: To align the decimal points when adding/subtracting decimal numbers.

☐ Fractions

Objective:

- To be able to understand that fractions are part of a whole.
- To be able to add/subtract/multiply and divide like and unlike fractions.

☐ Percentage

Objectives:

- To be able to convert between percentage to decimal to fraction.

- ii. To be able to solve problems that involves percentages (e.g. on sale items, discounts, sales tax).

☒ Negative Numbers

Objective: To know the rules in adding/subtracting signed numbers (positive and negative numbers) as well as in multiplying and dividing signed numbers.

☒ Average/Mean

Objective: To be able to add the given numbers and divide its total by the number of items added.

☒ Tables/Graphs

Objectives:

- i. To be able to locate the given information in the tables/graphs.
- ii. To be able to make tables and/or graphs on their own given the information they needed.

☒ Problem Solving

Objectives:

- i. To know and apply the strategies in solving word problems.
- ii. To be able to write down the step by step solution to the given problem.

☒ Writing an Equation

Objective: To be able to write an equation in each word problem.

Second Semester

SY 2019-2020

Textbook: (On-line) Pearson Algebra 1

Course Materials: Math XL, Pearson supplementary resources, note folders (provided)

Course Objectives/Competencies: Modified curriculum to include all areas.

Chapter 1: Foundations For Algebra

Chapter 2: Solving Equations

Chapter 2b: Solving Equations and Applications

Chapter 3: Solving Inequalities

Course Description:

☑ Math Fundamentals



First Semester: Students will do basic Math and pre-algebra skills. Specially designed instruction is provided to meet the individual needs of students. The course is modified to allow extended time to learn the material and provide essential content.



Second semester: Students will learn 9th grade Algebra concepts. Specially designed instruction is provided to meet the individual needs of students. The course is modified to allow extended time to learn the material and provide essential content.

Grading System:

90% – 100% = A, 80% – 89% = B, 70% - 79% = C, 60% - 69% = D, 0% - 59%=F

Late Work Policy: No work will be counted late as students progress is directly related to IEP goals and alternate standards.

Classroom Management Plan:

Classroom Rules:

1. Follow teacher's instructions.
2. Use appropriate languages.
3. Put phones and earphones inside your backpack/bag.
4. Do your assigned tasks daily.
5. Ask permission if you need to go out of the room.
6. No food/drinks inside the classroom.

Rules on laptops:

1. Go to website/s assigned by teacher only.
2. Use only the laptop assigned to you.
3. Ask permission if you need your laptops fixed.

Disciplinary Action:

Teacher will:

1. Give verbal warning/s: 1st and 2nd offense
2. Call parent/guardian.
3. Discipline referral to the Dean of Students: 3rd offense.

Movie/Film Policy: No movies other than G and below will be shown without administrative approval. Movies from National Geographic, Animal Planet, PBS, and other science related general audience movies are used to supplement instruction and support students. As a reward G rated movies may be shown to support our students in reaching goals aligned with their IEP's.

Other: Placement in this course is based on the IEP or Student Intervention team decision.

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Please sign below indicating that you have read and understand the expectations, content and policies for

Parent Signature: _____ Date: _____

Student Signature: _____ Date: _____