



## **INTEGRATED MATH 1 COURSE SYLLABUS – Fall 2023**

### **Teachers**

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### **In this course we will work collaboratively to:**

- Become better problem solvers, increase critical thinking skills, and enhance numeracy
- Gain appreciation of mathematics and its applications
- Increase perseverance to solve math problems that seem unfamiliar
- Work in groups to share mathematics from different perspectives
- Improve mathematical communication skills
- Be well-prepared to successfully continue in the Integrated Mathematics Pathway

### **Topics of Study include but are not limited to:**

- Algebra—linear, exponential, sequences, systems of equations, inequalities
- Statistics—analyzing and interpreting data
- Geometry—distances, midpoints, transformations, triangle congruence

### **Class Expectations:**

#### **The three “B’s”:**

- Be prepared
- Be prompt
- Be involved!!

**Attendance:** The group dynamic cannot be replicated, and daily participation is an important component of your success in this class.

**Respect:** Each student’s ideas and input is valuable to the group’s understanding of mathematics. Stay on task...for your own benefit as well as the benefit of your group and class.

**Tools:** Having the following items will help you remain organized and improve your success. If you cannot get these materials, please speak to your teacher as soon as possible.

- ☐ Chromebook; please make sure to charge it before class.
- ☐ Binder for loose papers
- ☐ Binder paper and graph paper
- ☐ Textbook; your teacher will distribute your textbook electronically or with worksheets.
- ☐ Paper, pencils, colored pencils, erasers, a highlighter, straight edge and a colored pen.
- ☐ You do not need to buy a calculator. We will generally use desmos.com. If you do buy a calculator, we would recommend a basic scientific calculator from the Dollar Store or Walmart. You may not use your phone as your calculator during class time.

### **Appropriate Use of Chromebooks (School-Wide)**

- Bring Chromebooks fully charged and ready to use daily.
- Students shall use technology (Chromebooks, computers, Laptops, etc) safely, responsibly, and primarily for educational purposes.
- Students shall adhere to the Student Technology Agreement per Board Policy 6163.4.
- Stay on task: No browsing, gaming, messaging or any other off task behavior

### **Grades will be broken down into the following categories:**

Category	Weight
Assignments	40%
Assessments	60%

Percentage	Grade
90% – 100%	A
80% – 89%	B
70% – 79%	C
60% – 69%	D
Below 60%	F

**\*\*\*To move on to IM2, you must pass with a C or better in both quarters.**

### **Assignments**

Assignments may include notes, Khan Academy, iXL, Desmos, projects, etc. and is up to teacher discretion. Participating in classwork is an essential part of success in this course and will be included within this grading category. Late work will be accepted at teacher discretion.

### **Assessments**

Each unit may have formative quizzes to check student understanding and will have a summative assessment, which will include a performance task and skill portion. Students will be provided with an opportunity to prove mastery of concepts through quiz corrections, more information will be provided after each quiz.

### **Midterm and Final**

A district common assessment will be given at the midterm and final at the end of each quarter. The midterm and final will be composed of performance tasks and a skills based portion.

### **Extra Help is Available!!**

We have Titan 28 during the regular school schedule. The Antelope Learning Lab will be available multiple days per week after school (schedule TBA). See your teacher for their availability for additional help. You are welcome, and encouraged, to come for help as often as necessary.