

Integrated 1

Contact Information:

Teacher: Ms. Loomis

Student Teacher 3rd Period: Molly Keller

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Course Description:

Integrated 1 combines topics from algebra, geometry, and statistics. The class is structured to actively involve each of you in the process of learning mathematics. The problem-based lessons provide a balance of basic skills, conceptual understanding, and problem-solving strategies. Each lesson has a mathematical objective and focuses on one or more of the mathematical practices. Homework (the “Review and Preview” sections) has practice ideas from the current chapter and previous topics; spreading the practice over several days and weeks so that you have time to become proficient with ideas and skills.

The integrated 1 course focuses on the following areas: linear functions and systems; geometric transformations; scatterplots and correlations; proving basic geometric theorems; systems of equations; and exponential functions.

Individual Expectations:

- **Be Responsible:** Use appropriate behavior and follow directions. Be present, on time and prepared to work. Be aware of due dates and test dates.
- **Be Respectful:** Respect yourself, your peers, the staff and school.
- **Participate:** Participate during class and group work. Ask questions for clarification. Pay attention and take notes.
- **Be Organized:** Bring your notebook, pencils, calculator and any other materials needed to participate fully. Keep all your work and notes organized in a binder. Show all your work and write out all the steps to your solutions.

Required Materials:

Binder with tabs
Lined paper
Pencil

Recommended Materials:

Graph paper
Scientific Calculator (capable of trigonometric functions)
Highlighter and red/blue pen

Grading breakdown / SLO Weights:

Curricular Literacy 30%	Curricular literacy is about knowing how to do the math. Ability to carry out correct procedures and calculations.
Critical Thinking 30%	Applying knowledge and skills in unfamiliar contexts and problems. The process of determining the meaning and significance of what is observed.
Written Communication 8%	Effectively communicating mathematical reasoning and understanding in writing. This appears on tests, quizzes and projects.
Oral Communication 2%	Effectively communicating mathematical reasoning and understanding through oral communication.
Learning Mindset 15%	Learning mindset is about being engaged in the material. It means listening when information is being presented, taking notes, asking questions, and giving your best effort to class work.
Professionalism 10%	The ability to submit complete and timely work that meets the expectations of professional settings.
Collaboration 5%	Contributing in a positive manner to the team during class. Participating and working as a member of the team for team presentations and team review tests. Respectful and professional behavior is always expected.

Grading Policy:

Da Vinci uses a 40% policy for grading most assignments. This means a student earns a 40% on assignments that are not completed, rather than a zero. Da Vinci has two exceptions to this policy, plagiarism/cheating and essential summative assignments. In this class, all portfolios, projects, chapter tests, and final exams fall under the category of essential summative assignments. Other assignments, like classwork and homework will be graded according to the 40% policy.

Classwork / Homework:

Classwork and homework are a single assignment. Classwork is generally exploratory/inquiry based. It is time to try out different approaches and ask lots of questions of your team and/or teacher. The homework portion is about reflecting on what you worked on in class, some individual practice time, and finding areas that need further clarification. Practice is an important part of developing your math skills; make sure you find time every day to work on your math assignments. Assignments need to be completed in a timely manner so you can address misunderstandings, contribute to class discussions, and participate fully in class activities. You will be expected to be proactive about asking questions and clarifying your understanding. There are lots of online resources that can be helpful. I have linked a few on our Canvas agenda homepage.

Assessments and Retakes:

Tests, quizzes, exit tickets, journals and projects are all chances for you to show what you have learned. Each unit will include at least one quiz and will culminate in a unit test or project. Corrections are expected to be completed after every summative assessment and an opportunity to retake assessments will be available. Generally, corrections will be due within two weeks of the return of an assessment.

Phone Policy:

In my class, students are not allowed to use their phones/listen to music. Everyday students are expected to collaborate with their team and being on their phone or being “plugged in” does not build a collaborative atmosphere. Students will keep their phones zipped up in their backpacks. The first time a student is seen using their phone, I will hold onto it for the rest of the period. For subsequent offenses, their phone will be sent to the office and can be retrieved at the end of the day.

Late work / absences:

All assignments are due by the end of each chapter. Late assignments can earn all Learning Mindset points but will lose Professionalism points. Students with excused absences have that many extra days to turn in work late without losing Professionalism points. If your student is absent, they should check the Canvas agenda to see what they are missing in class and should talk to Ms. Loomis about missed content when they return.

Extra Help:

If you are not feeling comfortable with the material or you have questions, I am available at lunch or after school most days. Please check with me ahead of time for my availability after school. You may also email me. There are electronic resources embedded in your online textbook and linked on our Canvas homepage for this class. Get contact information for your teammates or a friend in class. Other resources on campus include after school Homework Club and Tutoring.

Looking forward to a great year!

Student Name: _____ Class Period: _____

I have read the syllabus and course policies and understand my student's responsibilities in this class.

Parent/Guardian Name (please print): _____

Parent/Guardian Signature: _____