Mrs. Hart – Math Explorations

svidolin-hart@spfk12.org

Math Explorations Contract

Welcome to Math Explorations! This course meets three days on a six day rotating cycle and expands your math foundation through exploratory and inquiry-based learning activities. Each unit has a math concept linked to a 21st century theme and taught through math activities, projects, and presentations. The 21st century themes include: Engineering, Financial Literacy, Global Awareness, Science, and Entrepreneurship.

A. Classroom Expectations for Everyone in the Classroom:

1) Be respectful!

* Show respect for yourself, others, and school property.
* Don’t prevent me from teaching or other students from learning.

2) Be prepared!

* Arrive to class on time and ready to learn – this means take care of bathroom,  water fountain, and pencil sharpening before class.
* Have all appropriate materials (binder, and pencil) on  your desk at the beginning of the period.
* Be seated, working on the Do Now when class begins. If you finish the Do Now or ANY math activity before time is up, you are expected to take out your “Early Finisher” work until class resumes.
* At no time should you be sitting at your desk doing nothing.

3) Be engaged!

* Take responsibility for your own learning.
* Participate in class, be attentive, and ask questions when you do not understand.
* Organization and participation go a long way in making you a successful learner.

4) Observe all school rules.

* This includes rules on cell phones, gum chewing, and eating food during class.

B. Binders

1) You are expected to have a **one-inch binder** in class every single day. Binders will be kept in the classroom. THEY DO NOT GO HOME! Binders are expected to be neat and organized in date order by section. The three sections must be labeled:

* Do Now
* Classwork/Class Notes/Problem of the Month
* Early Finishers/Graded Work

2) You will need a pencil case with 5 pencils.

3) Make sure your NAME, TEACHER, PERIOD, and DAY 1,2,3 or 4,5,6 are on the front cover of your binder.

4) Remember: All math work must be written in PENCIL only.

5) You will have binder quizzes periodically throughout each marking period. Everything in your binder is eligible to be a question OR help you answer a question on the quiz. Binder quizzes are unannounced!

C. Homework Policy

Homework will be assigned only if a student does not finish their classwork, activities, and projects.

D. Absent

It is the student’s responsibility to find out what work was missed from the teacher who will determine any make up work.

E. Extra Help

I am ready and willing to help, but you must schedule an appointment with me in advance. You will need a morning pass to show at the door if you will be coming in early.

F. Grading

Your report card grade is based on a points system. At the end of each marking period, your final grade will be the sum of the total points earned divided by the total points possible. The following are the types of assignments, their approximate value in points per assignment (varies within each category), and a description:

* Do Now/Problem of the Month (1-10 points) – Must be completed with ALL CORRECTIONS reviewed in class. Do Nows should ALWAYS have all work shown and the right answers as they will be used as a reference when working on the math activities and will assist you with binder quizzes.
* Classwork/Group Investigations (1-50 points) - Must be completed with ALL CORRECTIONS reviewed in class. Classwork should ALWAYS have all work shown and the right answers as they will be used as a reference when working on the unit projects and will assist you with binder quizzes.
* Monthly Cycle Sheet (10 points) – Students will assess themselves once each cycle on their participation (engagement in discussions), preparedness (having their pencil, binder) and behavior. The cycle assessment will be collected and graded each month. If I disagree with a student’s self-assessment, I will change it. Students can schedule a time to discuss any changes with me.
* Binder Assessment (10-20 points) – checkup assessment: exact questions and modeled questions.
* Mini Projects/Projects/Presentations (50-300 points) – Each unit will have one project. There may or may not be a mini project in a unit. Projects will be graded using a rubric that aligns to the math curriculum.
* Exit Slips (1-10 points) – Throughout the marking period students will receive exit slips to assess their cumulative understanding of the unit concept.
* Post Assessment (50-100 points) – Each unit will have a post assessment covering the math concepts taught through Do Nows, classwork, and projects.
* **IMPORTANT – ALL GRADES ARE ON POWER SCHOOL. STUDENTS AND PARENTS ARE ABLE TO CHECK GRADES AT ANY TIME.**

Dear Parent(s) and/or Guardian(s):

I am very excited to have your child in my Math Explorations class! This year is going to be a very important year in your child’s mathematics education. Because of that, your child will be challenged regularly in a way that requires thought and discussion. You can help by ensuring that your child is consistently prepared for class. I firmly believe that if every student is respectful, prepared, and involved, we will all have a wonderful year!

If you have any questions or concerns, please feel free to contact me at:

svidolin-hart@spfk12.org

Sincerely,

Mrs. Hart

PLEASE REMEMBER TO SIGN AND RETURN THE FOLLOWING PAGE BY Sept. \_\_\_\_.



Please read over the contract and letter, and return to Mrs. Hart by Sept. \_\_\_.

STUDENT: I have read through this contract and the classroom procedures, policies, and expectations. I understand them and will follow them.

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

PARENT(S) AND/OR GUARDIAN(S): I have read the classroom procedures, policies, and expectations and discussed them with my child. I understand them and will support them.

Name(s):

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Signature(s):

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Parent(s) and/or Guardian(s) Contact Information:

E-mail address(s):

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Phone Number(s):

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Academic Math Teacher:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Is your child in honors math? \_\_\_\_\_\_\_\_\_\_

Please write anything you would like me to know about your child! Or, if you would rather, please send it to me in an e-mail. Thank you!

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