

DCS 8th Grade Honors Math

Dear Parents and Students,

I will be offering an honors math program this year. This program will be all or nothing, above and beyond the scope of our regular math program. The tasks required in the honors math program are in addition to the regular math tasks, not in lieu of them. This program is designed for those students who want to really push themselves, those looking for an extra challenge.

Some of the tasks that may be required for the honors math program include:

- Successful completion of the two Algebra sections of the text (Required).
- Study of one or more of the proofs of the Pythagorean Theorem, with an explanation/presentation to the class that the majority of the class will understand.
- Writing a Logo[®] program to make a regular dodecagon, with an explanation of why it works, in writing.
- One independent study project, of their choice (Math/Science Fair Project - Required).
- One open ended problem solving project to be presented to the class for their exploration, culminating in a solution presentation by the honors math program student.
- Maintenance of a "B" or better average throughout the year in the regular math program. (Absolutely Required).

These projects will be largely self directed. I will not be pressuring the students to turn in these honors math assignments. However, the students pursuing the honors program will receive instruction and guidance along the way. We will be periodically meeting in small group settings during the classwork portion of the regular math class for "mini-lessons".

In recognition of the work, the students will receive a certificate of completion of the honors math program at graduation, record of completion of the program on their transcript, and extra credit to be used towards quizzes and tests. More importantly, they will receive the satisfaction that they have pushed themselves and learned a great deal, and shared that knowledge with the rest of the class.

Because of the importance of support at home for endeavors such as this, I am asking that you please discuss this program with your child, and decide whether this is something he or she is interested in pursuing. Please sign the slip below, and return it to me indicating that you are aware we are offering honors math. In addition, if you would like to participate in this honors math program, please let me know.

Sincerely,



Rod Dudley

My daughter/ son would/ would not like to participate in the honors math program.

Parent's Signature

Date

Student's Signature

Date