Science Registration for Hillgrove High School:

**Currently in On-Level 8th Grade Physical Science**
To go into honors biology = Above a 90 in science and an 85 in 8th grade math. If they are in AC Math, then they must have an 80 or higher. No students may take honors biology if he/she is signed up for math support. All others take on-level biology.

**Currently in AC or HS Physical Science**
To go into honors biology = Above an 85 in HS physical science and an 85 in 8th grade math. If they are in AC Math, then they must have an 80 or higher. No students may take honors biology if he/she is signed up for math support. All others take on-level biology.

**Currently in On-Level Biology**
Above a 90 in biology and an 80 in Math (not support) = Honors Chemistry
Below a 90 in biology or an 80 in math = student goes to On-Level Physics
9th grade students only - Below a 74 in biology or a failing grade in math = student may go to Earth Systems. He/she will then take physics junior year.

**Currently in Honors Biology**
85 or higher in Honors Biology and a 80 or higher in Math (not support) = Honors Chemistry
Criteria not met = On-Level Physics

The top bio students, those who have an A in biology and a strong work ethic exhibited in class, can either double in honors chemistry and honors physics (if there is room) or in honors chem and AP Environmental. Teacher recommendation is required for either option.

**Currently in On-Level Physics**
Above a 90 in physics and an 80 in Math (not support) = Honors Chemistry
Below a 90 in physics or an 80 in math = student goes to On-Level Chemistry
Below a 74 in physics or a failing grade in math = student goes to Environmental Science if they did not take as a sophomore. If they took Environmental Science as a sophomore, they should take Earth Systems or Astronomy.

**Currently in Honors Chemistry**
85 or higher in Honors Chemistry and a 80 or higher in Math (not support) = Honors Physics
Criteria not met = On-Level Physics

**AP Biology**
Students must have at least an 85 or above in all Honors Science and Math classes.
A student coming from an On-Level class must have had “A’s” in all Science and Math classes (no support), and have a teacher’s recommendation.

**Advanced Genetics/DNA Research**
Students must have taken AP Biology.

**AP Chemistry**
Students must have at least an 85 or above in all Honors Science and Math classes.
A student coming from an On-Level class must have had “A’s” in all Science and Math classes (no support), and have a teacher’s recommendation.

**AP Environmental**
Students must have had biology and chemistry.
Current Honors Biology students = Must have an A and receive a teacher recommendation from biology teacher and need to have an 85 or higher in math. They will take both Honors Chemistry and APES.

All other students = Must have at least an 85 or above in all Honors Science and Math classes. A student coming from an On-Level class must have had “A’s” in all Science and Math classes (no support), and have a teacher’s recommendation.

**AP Physics 1**
Must have a recommendation from their science teacher and have completed Biology, Chemistry, and Algebra 2.

**AP Physics C**
Must be in Calculus (or have taken Calculus) and have at least an 85 in Honors Physics.

**Anatomy**
Must have a 78 or higher in all science classes. There is a great deal of reading and memorization for this class.

**Honors Anatomy**
Must have an 85 or higher in all sciences. Must have taken Honors Biology.

**Astronomy**
Must have passed Biology and Physics.

**Honors Forensics**
Must have an 85 in all sciences and in all math classes. Must have taken Biology, Chemistry, and Physics but can be at either On-Level or Honors.

The following classes do not have a prerequisite.

**Earth Systems, Environmental Science**