



Science Department- Academic Expectations for AP Classes

- **AP courses provide students with the factual knowledge and critical thinking skills expected in a college level course. Teachers of AP courses follow a required course outline and prepare students with the knowledge and skills necessary to be successful on the Advanced Placement examination which takes place in May.**
- **It is not necessary, nor is it recommended, that a student take every AP/honors course offered. You should only take courses in areas in which you have an interest and have demonstrated proficiency.**
- **The below chart provides an approximation of the time and assignments for each AP course offered in the Science Department. In order to make appropriate and informed choices at Hayfield, it is to your advantage to understand the rigor of each course.**

Area of Study	# of pages to read to prepare for each class	# of hours to study/	Tests/Quizzes	Major Projects	Summer Assignments	Comments
AP Biology	5-10	4-5 hours a week	Test are 2 per quarter, quiz before every lab.	One in the 4 th quarter after the AP exam	Yes	
AP Chemistry	5-10 average depending on topic. Student should read the chapter before class	4-5 hours a week	One test every 2-3 weeks and a few quizzes each chapter	16 Typed Lab Reports	Yes	
AP Environmental	10 pages per class	3-4 hours a week	One test every 3-4 weeks, one quiz per unit	One per semester	Yes	

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AP Physics 1	5-10 average depending on topic. Student read the chapter before class	4-5 hours a week	One test every 4 weeks and a few quizzes each chapter	Year-long-project, various small projects throughout year, and one culminating project	No	
AP Physics 2	5-10 average depending on topic or chapter	4-5 hours a week	One test every 3-4 weeks and a few quizzes each chapter	Lab write-up	No	
AP Physics C	5-10 average depending on topic or chapter	4-5 hours a week	One test every 3-4 weeks and a few quizzes each chapter	Lab write-up	No	