



AP Biology

Mrs. Matson

Summer Assignment

Over the summer, students in AP Biology are required to review/complete **the three Khan Academy units** listed below and read the pages outlined below in the student laboratory manual that is available on line at:

http://media.collegeboard.com/digitalServices/pdf/ap/APBioTeacherLabManual2012_2ndPrt_lkd.pdf

1. **Macromolecules:** <https://www.khanacademy.org/science/ap-biology/ap-macromolecules>
2. **Controlled Experiments:** <https://www.khanacademy.org/science/high-school-biology/hs-biology-foundations/hs-biology-and-the-scientific-method/a/experiments-and-observations>
3. **Scientific Method Review:** <https://www.khanacademy.org/science/high-school-biology/hs-biology-foundations/hs-biology-and-the-scientific-method/a/hs-biology-and-the-scientific-method-review>

4. **AP Bio Teacher Lab Manual 2012:**

http://media.collegeboard.com/digitalServices/pdf/ap/APBioTeacherLabManual2012_2ndPrt_lkd.pdf

■ **For the Student**

Introduction	S1
Chapter 1: What Is Inquiry?.....	S3
Chapter 2: Written, Verbal, and Graphic Information.....	S5
Chapter 3: Quantitative Reasoning in AP Biology.....	S9

Our textbook is Campbell Biology (c) 2016 - *ebook version suggested*

- Author: Urry, et al.
- Publisher: Pearson
- ebook subscription ISBN: 9780134446417
- Paper text - NOT REQUIRED - ISBN: 9780134082318

The summer assignment should be completed by the first day of class. There will be a test on this material during the first 1-2 weeks of classes. Students will have the opportunity to ask questions on this material before the test. We will be starting a controlled, self designed experiment within the first week of school. **The material is essential review of the material covered in the 9th grade biology course at Rocky Hill School.**

The matching textbook chapters for the Khan Academy modules are Chapters 1 and 5. The concept check questions that follow each section of these chapters are ones you are expected to be able to answer, as well as the chapter review questions at the end of these two chapters. (Look at them and see if your answers match the back of the book – no written work required)