

AP BIOLOGY

AP[®] Daily: Live Review

AP Daily: Live Review is a series of livestreamed sessions on YouTube, hosted by AP teachers from across the country, that help students prepare for this year's AP Exams. Recordings of each session will be available on YouTube and on AP Classroom for students to watch on demand if they can't join live.

AP Teachers: Margaret Evans & Chris Monsour



The [AP Biology Course and Exam Description](#) is the core document for an AP course. It clearly lays out course content and skills and describes the exam and AP Program in general.



Students can access [AP Daily videos](#) to help them learn and review course content and skills across all units in an AP course. Log into AP Classroom to watch these videos anytime, anywhere.

Session	Session Title	Session Description	Topics	Skills
1 MONDAY 4/19/2021	Chemistry of Life, Cell Structure, & Function	In this video, we will review the properties of water and macromolecule structure. We will also review organelles, cellular components, and the cell membrane and transport.	1.1 2.3 1.5 2.8 2.2 2.9	1.B 5.A.d 2.A 6.A 4.A 6.E.b
2 TUESDAY 4/20/2021	Everything You Need to Know About Cellular Energetics	In this video, we will focus on cellular energetics. We look at enzyme catalysis, photosynthesis & cellular respiration. We identify experimental controls, make predictions & support claims.	3.2 3.6 3.3 3.7 3.5	3.C.b 6.E.c 6.B
3 WEDNESDAY 4/21/2021	Understanding Cell Communication & The Cell Cycle	In this video, we will focus on cell communication & the cell cycle. We will practice skills and review cell signaling, signal transduction pathways & the regulation of the cell cycle.	4.1 4.6 4.4 4.7	1.B 6.E.a 5.A 6.E.b

Session	Session Title	Session Description	Topics	Skills
4 THURSDAY 4/22/2021	Studying Meiosis & Diversity	In this video, we will review meiosis and diversity, and focus on using chi-square hypothesis testing, identifying testable questions, making predictions & explaining biological concepts.	5.2 5.4 5.3 5.5	1.C 5.C 3.A 6.E.c
5 MONDAY 4/26/2021	Examining Gene Expression & Regulation	In this video, we will review gene expression and regulation, including nucleic acids & their role in gene expression. We will look at replication, transcription, RNA processing & translation.	6.2 6.4 6.3 6.5	2.B 6.E.a 6.A
6 TUESDAY 4/27/2021	Everything You Need to Know About Natural Selection: Part 1	In this video, we will review evolution, including genotypic variation and population genetics. We will review the Hardy-Weinberg equation, describing data, and predicting experimental results.	7.2 7.4 7.3 7.5	3.B 5.A.a 4.B.c
7 WEDNESDAY 4/28/2021	Everything You Need to Know About Natural Selection: Part 2	In this video, we will review natural selection, including evolutionary change. We will review phylogeny, speciation, variations in populations, and the use of models, such as cladograms.	7.7 7.10 7.9 7.12	2.D 6.E 6.C
8 THURSDAY 4/29/2021	Ecology & The Biological Mechanisms Involved in Growth	In this video, we will review ecology and the biological mechanisms involved in growth. We will emphasize the skills of experimentation, mathematical calculations & biological explanations.	8.1 8.4 8.2 8.5 8.3	3.C.a 5.B 5.A.c 6.D



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