

# AP Resources

## Khan Academy Resources

### Computer Science

AP Computer Science Principles <https://www.khanacademy.org/computing/ap-computer-science-principles>

### Mathematics

AP Calculus AB <https://www.khanacademy.org/math/ap-calculus-ab>

AP Calculus BC <https://www.khanacademy.org/math/ap-calculus-bc>

AP Statistics <https://www.khanacademy.org/math/ap-statistics>

### Science

AP Biology <https://www.khanacademy.org/science/ap-biology>

AP Chemistry <https://www.khanacademy.org/science/chemistry/ap-chemistry>

AP Physics 1 <https://www.khanacademy.org/science/physics/ap-physics-1>

AP Physics 2 <https://www.khanacademy.org/science/physics/ap-physics-2>

### Social Studies

AP Art History <https://www.khanacademy.org/humanities/ap-art-history>

AP Macroeconomics <https://www.khanacademy.org/humanities/ap-art-history>

AP Microeconomics <https://www.khanacademy.org/economics-finance-domain/ap-microeconomics>

AP US Government and Politics <https://www.khanacademy.org/humanities/ap-us-government-and-politics>

AP US History <https://www.khanacademy.org/humanities/us-history/ap-us-history>

AP World History <https://www.khanacademy.org/humanities/us-history/ap-us-history>

## AP Courses on EdX.org

EdX is an online platform founded by MIT and Harvard. There are thousands of free courses and many AP courses. Some courses are 'live' and others are archived. EdX is a MOOC provider that is both nonprofit and open source. Below you will find links to the AP courses. Many of these courses are archived and can be accessed at any time. Other courses may be 'live' or getting ready to begin. Teaching with Davidson next, is a course that teaches teachers how to use their courses as a tool for blended learning.



*Teaching with Davidson Next is a course that helps teachers integrate the online courses with their current courses. There are real-life examples of ways that AP® teachers have leveraged Davidson Next and best practices for blended learning.* <https://www.edx.org/course/teaching-with-davidson-next>

## **Computer Sciences**

AP Computer Science A: Java Programming <https://www.edx.org/course/ap-computer-science-a-java-programming>

AP Computer Science A: Java Programming Loops and Data Structures <https://www.edx.org/course/ap-computer-science-a-java-programming-loops-and-d>

AP Computer Science A: Java Programming Polymorphism and Advanced Data Structures <https://www.edx.org/course/ap-computer-science-a-java-programming-polymorphis>

CS50's AP® Computer Science Principles <https://www.edx.org/course/cs50s-apr-computer-science-principles-harvardx-cs50-ap>

Preparing for the AP\* Computer Science A Exam — Part 1 <https://www.edx.org/course/preparing-for-the-ap-computer-science-a-exam-part>

Preparing for the AP\* Computer Science A Exam — Part 2 <https://www.edx.org/course/preparing-for-the-ap-computer-science-a-exam-par-2>

The Beauty and Joy of Computing - AP® CS Principles Part 2 <https://www.edx.org/course/the-beauty-and-joy-of-computing-ap-cs-principles-2>

## **English**

AP® English Literature & Composition – Part 1: Stories <https://www.edx.org/course/ap-english-literature-composition-part-1-stories>

AP® English Literature & Composition – Part 2: Poems <https://www.edx.org/course/ap-english-literature-composition-part-2-poems>

AP® English Literature & Composition – Part 3: Plays <https://www.edx.org/course/ap-english-literature-composition-part-3-plays>

Preparing for the AP\* English Language and Composition Exam <https://www.edx.org/course/preparing-for-the-ap-english-language-and-composit>

## **Mathematics**

AP Calculus BC <https://www.edx.org/course/ap-calculus-bc-2>

AP Calculus: Challenging Concepts from Calculus AP and BC <https://www.edx.org/course/ap-calculus-challenging-concepts-from-calculus-ab>

Preparing for the AP Statistics Exam <https://www.edx.org/course/preparing-for-the-ap-statistics-exam>

Preparing for the AP Calculus AB Exam – Part 1: Derivatives <https://www.edx.org/course/preparing-for-the-ap-calculus-ab-exam-part-1-deriv>

Preparing for the AP Calculus AB Exam – Part 2: Integrals <https://www.edx.org/course/preparing-for-the-ap-calculus-ab-exam-part-2-integ>

## Science

AP Biology Part 1: The Cell <https://www.edx.org/course/ap-biology-part-1-the-cell>

AP Biology Part 2: Genetics <https://www.edx.org/course/ap-biology-part-2-genetics>

AP Biology Part 3: Evolution & Diversity <https://www.edx.org/course/ap-biology-part-3-evolution-and-diversity>

AP Biology part 4: Ecology <https://www.edx.org/course/ap-biology-part-4-ecology>

AP Biology Part 5: AP Exam Review <https://www.edx.org/course/ap-biology-part-5-review-and-exam-preparation>

AP Biology Part 5: Review and Exam Preparation <https://www.edx.org/course/ap-biology-part-5-review-and-exam-preparation>

AP Physics 1 <https://www.edx.org/course/ap-physics-1>

AP Physics 1: Challenging Concepts <https://www.edx.org/course/ap-physics-1-challenging-concepts-2>

AP Physics 2: Challenging Concepts <https://www.edx.org/course/ap-physics-2-challenging-concepts>

AP® Environmental Science - Part 1: The Living World <https://www.edx.org/course/ap-environmental-science-part-1-the-living-world>

AP® Environmental Science - Part 2: Populations <https://www.edx.org/course/ap-environmental-science-part-2-populations>

AP® Environmental Science - Part 3: Pollution and Resources <https://www.edx.org/course/ap-environmental-science-part-3-pollution-and-reso>

AP® Environmental Science - Part 4: Exam Review <https://www.edx.org/course/ap-environmental-science-part-4-exam-review>

AP® Physics 1 - Part 1: Linear Motion <https://www.edx.org/course/ap-physics-1-part-1-linear-motion>

AP® Physics 1 - Part 2: Rotational Motion <https://www.edx.org/course/ap-physics-1-part-2-rotational-motion>

AP® Physics 1 - Part 3: Electricity & Waves <https://www.edx.org/course/ap-physics-1-part-3-electricity-waves>

AP® Physics 2 - Part 1: Fluids and Thermodynamics <https://www.edx.org/course/ap-physics-2-part-1-fluids-and-thermodynamics>

AP® Physics 2 - Part 2: Electricity and Magnetism <https://www.edx.org/course/ap-physics-2-part-2-electricity-and-magnetism>

AP® Physics 2 - Part 3: Optics and Modern Physics <https://www.edx.org/course/ap-physics-2-part-3-optics-and-modern-physics>

AP® Physics 2 – Part 4: AP Review and Exam Preparation <https://www.edx.org/course/ap-physics-2-part-4-ap-review-and-exam-preparation>

Preparing for the AP Physics 1 Exam <https://www.edx.org/course/preparing-for-the-ap-physics-1-exam>

Preparing for the AP\* Physics C: Electricity and Magnetism Exam <https://www.edx.org/course/preparing-for-the-ap-physics-c-electricity-and-mag>

### **Social Studies**

AP Macroeconomics <https://www.edx.org/course/ap-macroeconomics>

AP Macroeconomics: Challenging Concepts <https://www.edx.org/course/ap-macroeconomics-challenging-concepts>

AP Microeconomics <https://www.edx.org/course/ap-microeconomics>

AP Psychology – Course 1: What is Psychology <https://www.edx.org/course/ap-psychology-course-1-what-is-psychology>

AP Psychology – Course 2: how the Brain Works <https://www.edx.org/course/ap-psychology-course-2-how-the-brain-works>

AP Psychology - Course 3: How the Mind Works <https://www.edx.org/course/ap-psychology-course-3-how-the-mind-works>

AP Psychology – Course 6: Exam Preparation & Review <https://www.edx.org/course/ap-psychology-course-6-exam-preparation-review>

AP Psychology: Course 4: How Behavior works <https://www.edx.org/course/ap-psychology-course-4-how-behavior-works>

AP Psychology: Course 5: Health and Behavior <https://www.edx.org/course/ap-psychology-course-5-health-and-behavior>

Introduction to AP\* Human Geography <https://www.edx.org/course/introduction-to-ap-human-geography>

### **World Languages**

AP Italian Language and Culture <https://www.edx.org/course/ap-italian-language-and-culture-2019-2020>

AP Spanish Language and Culture <https://www.edx.org/course/bu-ap-spanish-language-and-culture-2>

## **Other Resources:**

GAVS: <http://www.gavirtuallearning.org/Resources.aspx>

### **English Lang**

<https://jerrywbrown.com/?portfolio-item-tag=ap-english-language>

### **English Lit**

<http://mseffie.com/>