



Online Interactive Courses

AP* Chemistry • AP* Biology • AP* Physics 1
AP* Environmental Science



Year-Round Learning
As Little As \$10 Per Student

Prepare



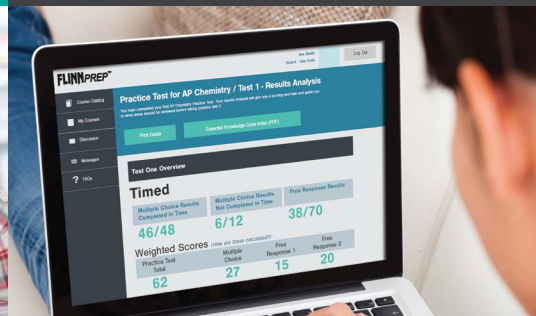
Building the Foundation to Succeed
June - August

Master



Engage with AP* Level Content and Assessments
September - May

Practice



Complete Full-Length Practice Exams
February - May

www.flinnprep.com

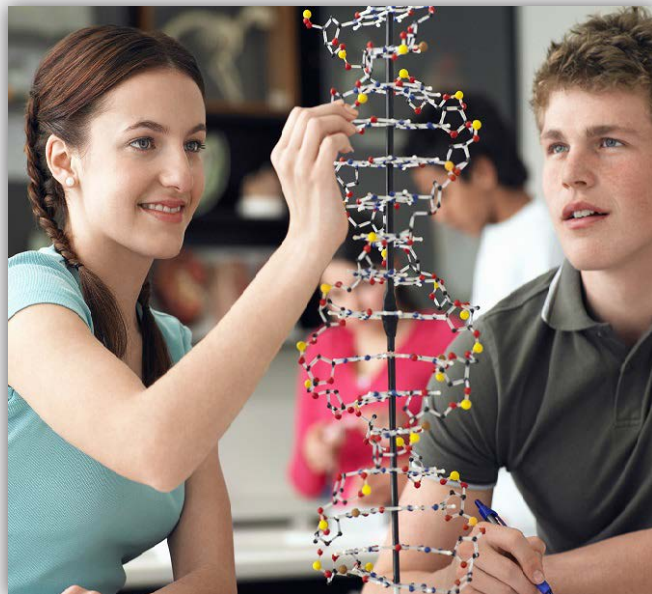
Anywhere • Anytime • Any Device

Available Now

AP* Chemistry

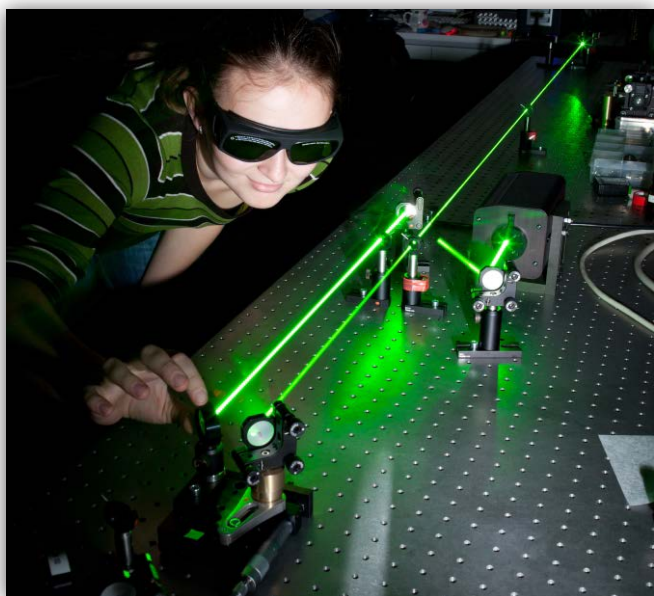


AP* Biology



Available Early Fall 2017

AP* Physics 1



AP* Env. Science



Extensive Assessments and Practice

“Without FlinnPREP™ I would have been lost trying to prepare for the AP* Exam. I wish I had this for my other two AP* classes, as I never felt more prepared.”

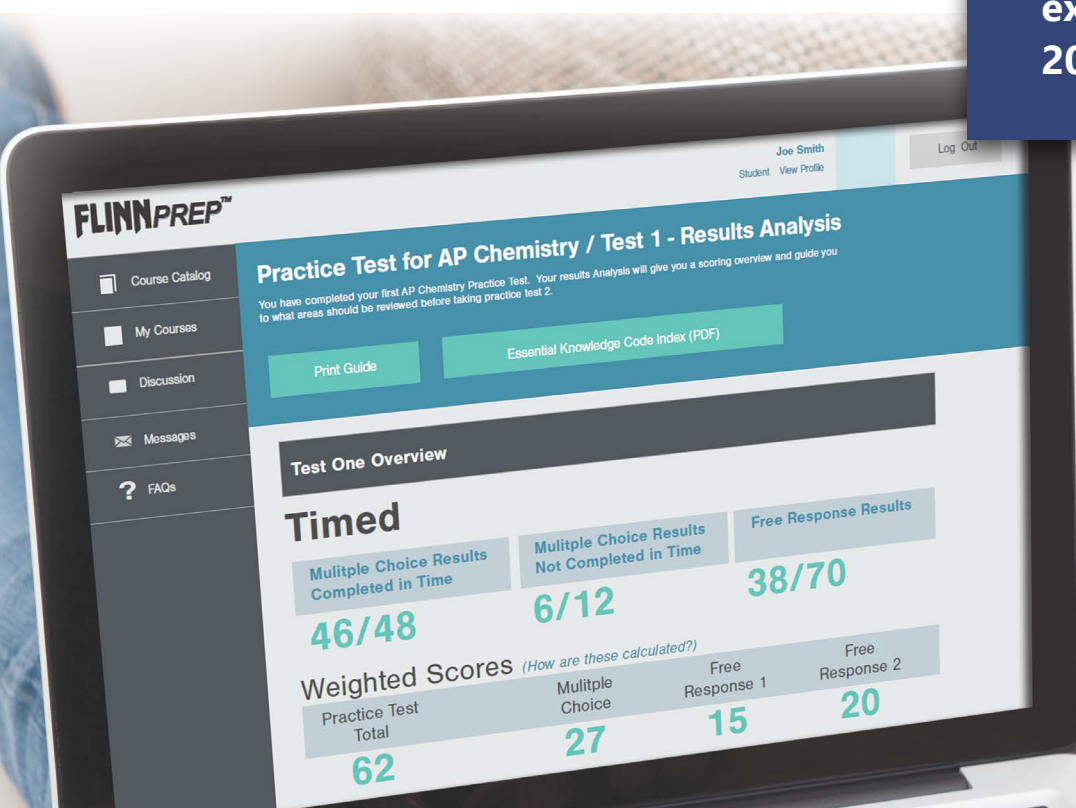
- AP* Chemistry Student, Downingtown High School East - Exton, PA

- Correlated to AP* learning objectives
- Immediate student scoring and reteach opportunities
- Choose to take as timed or untimed
- Students can take assessments multiple times

Each Course Provides the Following Features:

- Full-length practice exams (*new versions added each year*)
- Alignment to AP* learning objectives
- Multiple-choice questions
- Free response questions
- Games

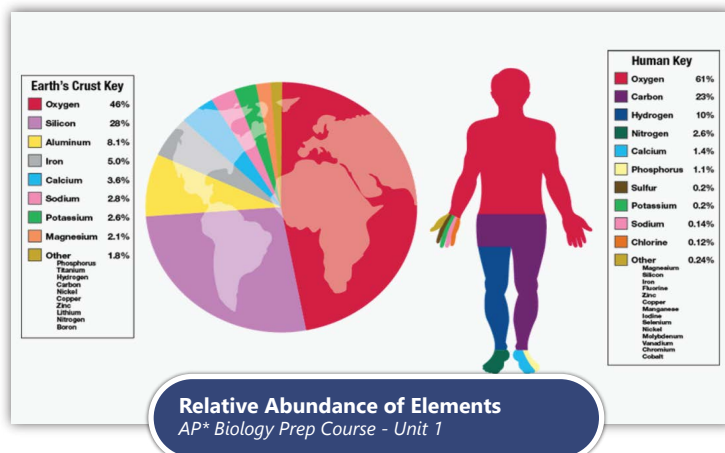
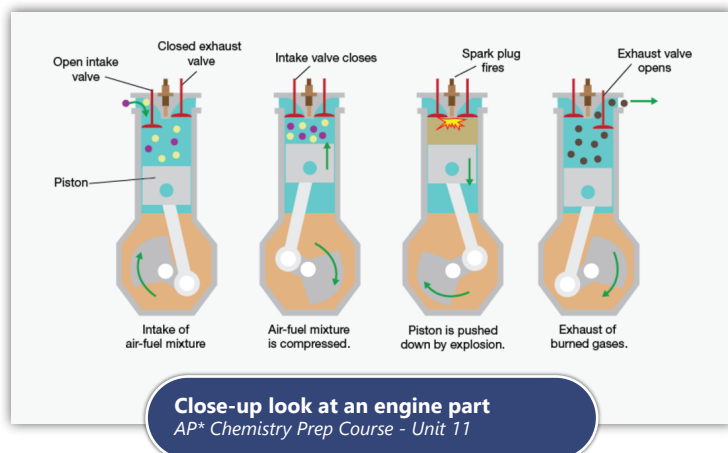
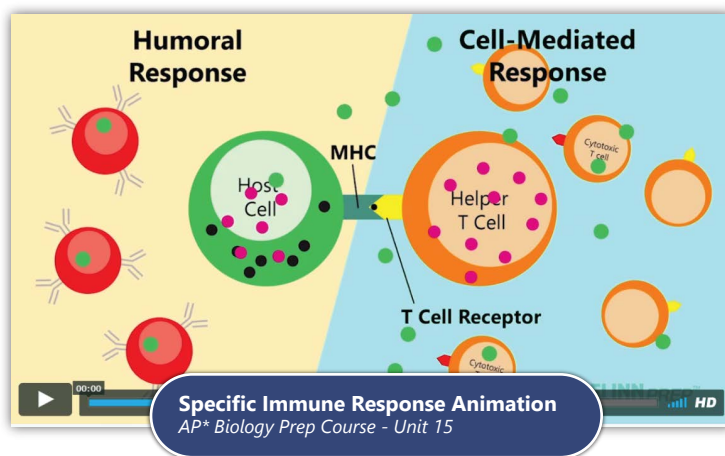
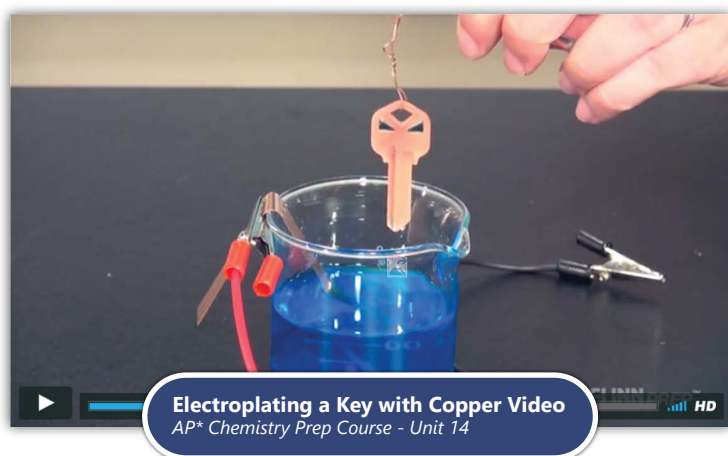
More than 17,000 Students used FlinnPREP™ practice exams to prepare for the 2017 AP* Exam



Student Focus Groups Were All in Agreement “Reading long passages of text is boring”

FLINNPREP™

Includes graphics, videos, animations and easy-to-follow text providing students a variety of options to absorb higher level concepts.



“When I am at home and get stuck, I don’t have anyone to ask for help”

FLINNPREP™

Includes interactive checks for understanding, three different games, well-vetted open education resources and point-of-use reteach video feedback.

Identify the differences between the Krebs cycle and the electron transport chain by dragging the labels to the correct columns.

Krebs Cycle	Electron Transport Chain
✓ ATP is produced by substrate-level phosphorylation	✗ Occurs in the mitochondrial matrix
✗ Produces more ATP during cellular respiration	✓ Occurs across the inner mitochondrial membrane
✓ Produces less ATP during cellular respiration	✓ ATP is produced by oxidative phosphorylation
✗ Occurs in the mitochondrial matrix	✗ Occurs across the inner mitochondrial membrane
✗ Produces less ATP during cellular respiration	✗ Produces more ATP during cellular respiration
✗ ATP is produced by oxidative phosphorylation	✗ ATP is produced by substrate-level phosphorylation

Interactive Checks for Understanding
AP* Biology Prep Course - Unit 12

FLINKO

160

PLAY

HELP

Flinnko Game
AP* Chemistry Prep Course - After Unit 10

PhET
INTERACTIVE SIMULATIONS

University of Colorado Boulder

Simulations

- New Sims
- HTML5
- Physics
- Biology
- Chemistry
 - General Chemistry
 - Quantum Chemistry
- Earth Science
- Math
- By Grade Level
- By Device
- All Sims
- Translated Sims

Teaching Resources

- Research
- Accessibility
- Donate

Acid-Base Solutions

Alpha Decay

Atomic Interactions

Balancing Chemical Equations

Balloons & Buoyancy

Balloons and Static Electricity

PhET Open Education Resource Link
AP* Chemistry Prep Course - Unit 2

Example: calculate Q & determine the direction of the shift

$$2\text{NO(g)} + \text{Cl}_2(\text{g}) \rightleftharpoons 2\text{NOCl}_2(\text{g})$$

$[\text{NO}] = 2.00 \text{ M}$ $[\text{NOCl}_2] = 1.95 \text{ M}$
 $[\text{Cl}_2] = 2.03 \text{ M}$ $K_c = 0.438 \text{ M}^{-1}$

$Q = \frac{[\text{NOCl}_2]^2}{[\text{NO}]^2 [\text{Cl}_2]}$

$Q = \frac{(1.95)^2}{(2.00)^2 (2.03)} = 0.468 \text{ M}^{-1}$

$Q > K_c$
 $0.468 > 0.438$
 Shift left

Reaction Quotient Reteach Video
AP* Chemistry Prep Course - Unit 12

Progress Monitoring • Classroom Management

“Great detailed progress monitoring data especially if you have smaller class sizes so you can really break down each learner. Also allows you to see larger trends in the class specifically broken down to topic, so super useful establishing reviews needed.”

-Eric McCuskey, North Valleys High School - Reno, NV

Class Results Breakdown (Final passing results shown)																
	Foundational Topics										AP Level Topics					
Student	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Unit 11	Unit 12	Unit 13	Unit 14	Unit 15	Total
Aubrey Smith	16/20	16/20	17/20 2	17/20	18/20 7	18/20	20/20	20/20	16/20	19/20	0/0	0/0	0/0	0/0	0/0	177/200 89%
Austin Woods	0/0	6/20 2	0/0	0/0	8/20	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	14/40 35%
Bobby Holloway	20/20	16/20	18/20	19/20	17/20	19/20	19/20	20/20	19/20	20/20	3/20	0/0	0/0	3/20	0/0	193/240 80%
Braden Jones	17/20	14/20 3	19/20	15/20 4	7/20 2	17/77 4	5/20 3	9/20 4	5/20 5	6/20 4	9/20 3	5/20 5	8/20 3	6/20 3	20/78 4	162/415 39%
Brody Larson	18/20	16/20 6	19/20	18/20 4	16/20	16/20	18/20	19/20 2	17/20	19/20	0/0	0/0	5/20	0/0	0/0	181/220 82%
Chad Rothschild	18/20	17/20	18/20 3	19/20	18/20 2	18/20	17/20	18/20	17/20	19/20	0/0	0/0	0/0	0/0	0/0	179/200 90%
Isabella Martinez	20/20	16/20 10	19/20	17/20	16/20 3	18/20	18/20	18/20	19/20	18/20	16/20	0/0	0/0	0/0	0/0	195/220 89%
Kayla Thomas	19/20	16/20 2	17/20	20/20	17/20	19/20 2	17/20	18/20	19/20	19/20	0/0	0/0	0/0	0/0	0/0	181/200 91%
Marcus Washington	19/20	17/20 3	20/20	19/20 2	19/20 4	18/20	20/20	20/20	17/20	20/20	4/20	6/20	0/0	0/0	0/0	199/240 83%
Sadie Bompensiero	0/0	0/0	0/0	0/0	0/0	0/0	18/20	4/20	0/0	0/0	0/0	0/0	0/0	0/0	0/0	22/40 55%
Stacy Nguyen	19/20	17/20 2	19/20	19/20	16/20 3	19/20	19/20 3	18/20	18/20 2	19/20	0/0	0/0	0/0	0/0	0/0	183/200 92%
StudentDemo	0/0	10/20	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	7/20	0/0	0/0	0/0	0/0	17/40 43%
Summer Ross	20/20 2	17/20	17/20	19/20 3	16/20 3	18/20	17/20	18/20 3	19/20 2	20/20	0/0	0/0	0/0	0/0	0/0	181/200 91%

District/School

- Free district and school level accounts available to monitor progress of all students.
- View average student pre-test scores for all classrooms in a school or accross an entire district.
- Access to end-of-unit assessment results and available graphs that compare to student pre-test results.
- View detailed practice exam results for all users and easily compare multiple classroom results

Classroom

- FlinnPREP™ provides teacher access to course content, ability to create and invite students to join a classroom, and access to student and classroom progress—all through a free teacher account.
- View an in-depth analysis of all student assessment results to determine where each individual student needs extra review.
- Strength level indicators provide teachers a clear picture of overall classroom performance.

Proven Practice for as Little as \$10 Per Student

	Teacher	School	District
Engaging AP* Level Content	✓	✓	✓
Detailed Graphics, Videos and Animations	✓	✓	✓
Formative and Summative Assessments	✓	✓	✓
Full-Length Practice Exams	✓	✓	✓
Flexible Design	✓	✓	✓
Games	✓	✓	✓
Classroom-Level Progress Monitoring	✓	✓	✓
School-Level Progress Monitoring		✓	✓
District-Level Progress Monitoring			✓

Contact Flinn to schedule a product demo and learn about special pricing for multi-discipline and districtwide adoption.



1-800-452-1261



flinnprep@flinnsci.com





"My students love the mixture of videos, text and diagrams to help explain the more difficult material"
- Jessica Peterson, Brownsburg High School - Brownsburg, IN

**Find Out Why So Many AP* Teachers
Are Talking About FlinnPREP™**

More Than 17,000 Students Prepared for Their 2017 AP* Exams With FlinnPREP™

"It helped me review for the AP* Exam and reminded me of concepts
I wouldn't have remembered to go over"

- Class of 2017 AP* Chemistry student



See Why This Innovative Solution is Energizing AP* Classrooms