

## Art of Problem Solving

[www.aops.com](http://www.aops.com)

*Preparing students for success since 1993.*

AMC 10/12 preparation  
materials for  
students and teachers

*Proud sponsor of the  
American Mathematics Competitions*



**MAA**

MATHEMATICAL ASSOCIATION OF AMERICA

## Textbooks

The Art of Problem Solving curriculum is designed for high-performing math students in grades 6-12. Our texts emphasize the problem-solving strategies needed for success in major national competitions, top-tier colleges, and the most competitive careers.

Each book contains hundreds of examples and exercises, including problems from MATHCOUNTS, the AMC tests, and more.



### INTRODUCTION SERIES (AMC 10)

A full math curriculum, including beginning math contest preparation, for students in grades 6-10.

- Prealgebra
- Introduction to Algebra
- Introduction to Counting & Probability
- Introduction to Number Theory
- Introduction to Geometry



### INTERMEDIATE SERIES (AMC 12/AIME)

A continuation of the Introduction Series, providing more depth and advanced college preparatory material for students in grades 9-12.

- Intermediate Algebra
- Intermediate Counting & Probability
- Precalculus
- Calculus



### CLASSIC SERIES

Used by successful math teams and clubs since 1993.

- Art of Problem Solving, Volume 1: the Basics
- Art of Problem Solving, Volume 2: and Beyond

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## Free Online Resources

Interact, learn, watch, play, read, and research using our free resources.



### ALCUMUS

Learn with our web-based adaptive learning system! Alcumus offers students a customized learning experience, adjusting to student performance to deliver appropriate problems and lessons.



### TEACHER TOOLS

Monitor your students' progress in Alcumus.



### VIDEOS

Watch our free collection of hundreds of videos on various math topics, including our annual "AMC Final Fives" collection of the final 5 problems on the AMC 10 and AMC 12.



### FOR THE WIN!

Play our online multi-player math game based on thousands of problems from the AMC tests and other sources.



### COMMUNITY

Join the conversation with the largest online community of problem solvers in the English-speaking world! Over 100,000 members including students, teachers, and parents.

**Go to [www.aops.com](http://www.aops.com)  
for more information.**

# Online School

The Art of Problem Solving online classes are designed for high-performing students in grades 6-12. Students in our classes will:



Develop advanced problem solving skills, such as those needed for success in top-tier colleges and internationally competitive careers.



Interact with students of their own ability.



Learn from instructors who have won national mathematics competitions and trained others to do the same.



Discover the tools necessary for success on prominent math competitions such as MATHCOUNTS and the American Mathematics Competitions.

## SUBJECT COURSES

- Algebra
- Number Theory
- Calculus
- Counting & Probability
- Precalculus
- Olympiad Geometry

## PROBLEM SOLVING SERIES

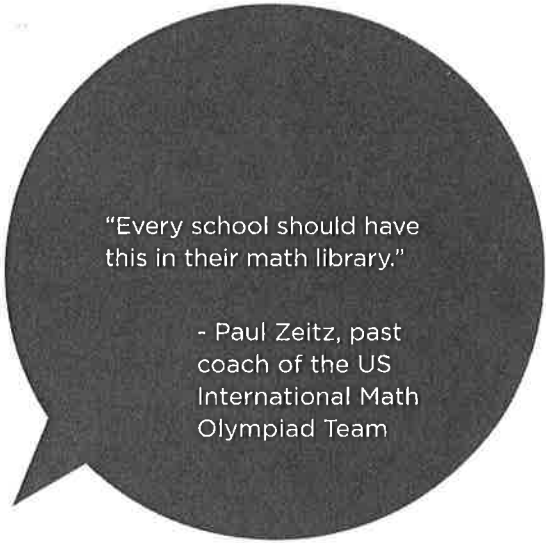
- Contest-focused preparation for the AMC 10, AMC 12, and AIME with 12-week courses and weekend seminars.

## WOOT: Worldwide Online Olympiad Training

- 7-month program to train for the AIME and USA(J)MO with many of the best math students in the country.
- 11 of the 12 USAMO 2014 winners are WOOT alumni.

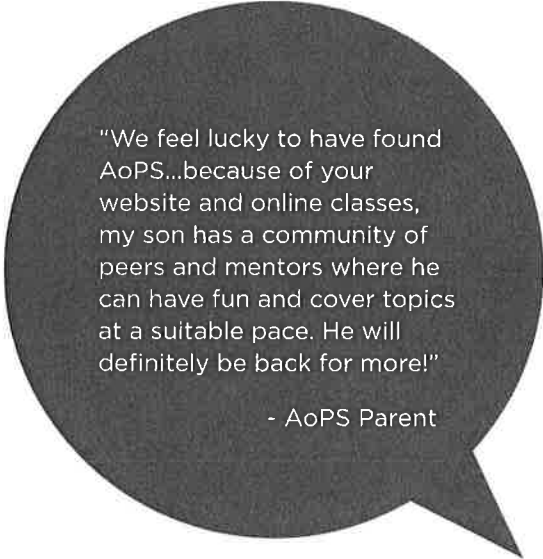
*The Art of Problem Solving Online School is accredited by the Western Association of Schools and Colleges.*





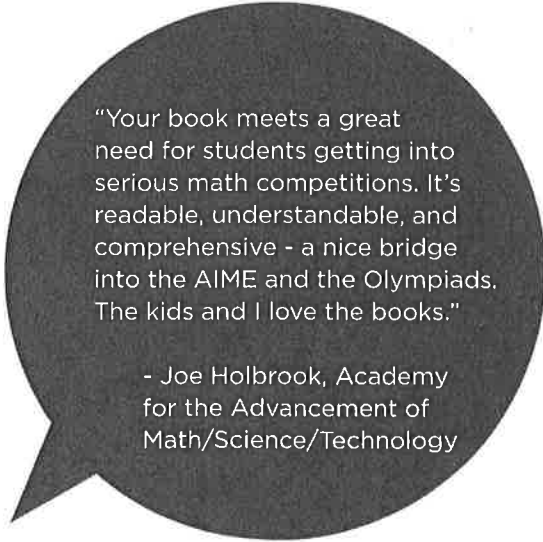
"Every school should have  
this in their math library."

- Paul Zeitz, past  
coach of the US  
International Math  
Olympiad Team



"We feel lucky to have found  
AoPS...because of your  
website and online classes,  
my son has a community of  
peers and mentors where he  
can have fun and cover topics  
at a suitable pace. He will  
definitely be back for more!"

- AoPS Parent



"Your book meets a great  
need for students getting into  
serious math competitions. It's  
readable, understandable, and  
comprehensive - a nice bridge  
into the AIME and the Olympiads.  
The kids and I love the books."

- Joe Holbrook, Academy  
for the Advancement of  
Math/Science/Technology

Visit **[www.aops.com](http://www.aops.com)** to learn more.