OUTCOMES & ADVICE FOR

IOAPA
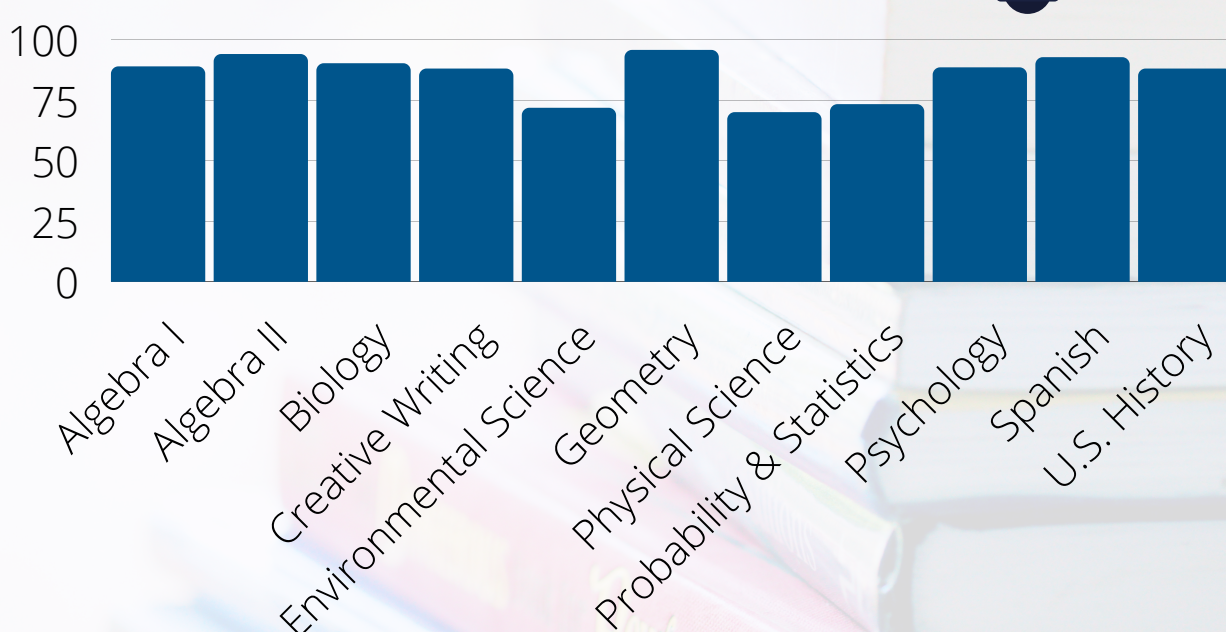
MIDDLE SCHOOL COURSES

IOAPA brings AP opportunities to all schools in Iowa

In 2020-2021, IOAPA offered 14 high-school-level courses to middle school students who would not otherwise have access to them.

169
Middle School Students Enrolled

236
Semester Enrollments

88.6%

IOAPA Students' Average Grade
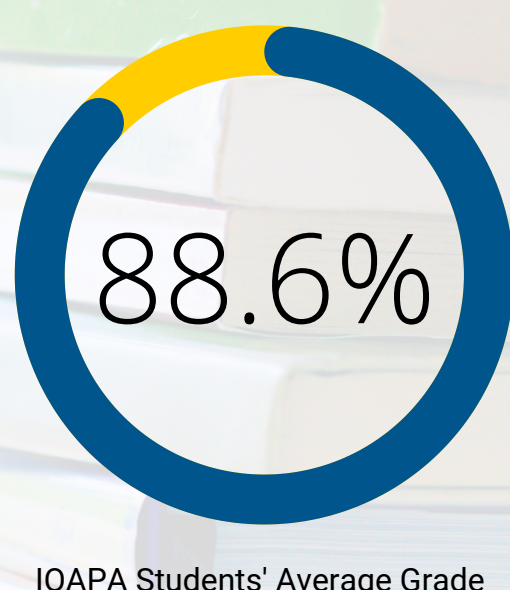
Overall Course Outcomes

Middle school IOAPA students earned an average score of 88.6 across all IOAPA courses, demonstrating above-average performance in high school-level courses.

Bar chart showing scores (0–100) for: Algebra I, Algebra II, Biology, Creative Writing, Environmental Science, Geometry, Physical Science, Probability & Statistics, Psychology, Spanish, U.S. History

IOAPA Definitions

Passing Rate
Percentage of students who passed the course (received a C- or better) out of those who completed it.

Completion Rate
Percentage of students who completed the course out of all those who started it.

On-schedule rate
Amount of overdue work relative to the amount of work due. This can indicate a course's pacing.

Quality of work
How well the students did on the work they completed.
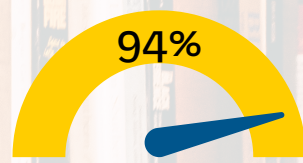
IOAPA Course Breakdown

Algebra I
Students earned an average grade of 89%. These students had a completion rate of 78% and a passing rate of 100%.
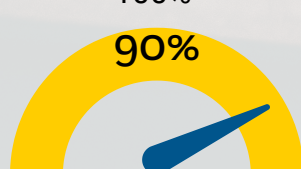**89%**

Algebra II
Students earned an average score of 94%. They had passing and on-schedule rates of 100%.
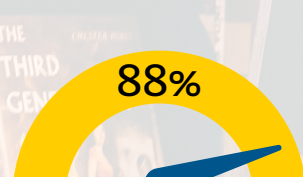**94%**

Biology
The average grade was 90%. These students had a completion rate of 55% and an on-schedule rate of 100%
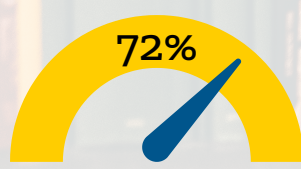**90%**

Creative Writing
Students earned an average score of 88%. These students had a completion rate of 90% and a passing rate of 92%.
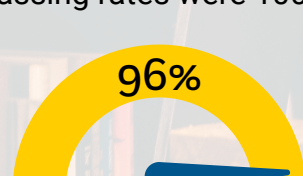**88%**

Environmental Science
Students in this course received an average grade of 72%. They had an on-schedule rate of 84% and a quality of work score of 90%
72%

Geometry
The average score was 96%. Completion and passing rates were 100%!
96%

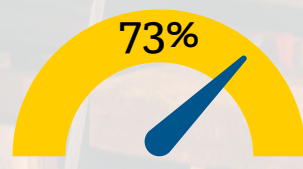### Physical Science
Students earned an average grade of 70%. These students had a completion rate of 100% and a quality of work score of 80%.
70%

Probability & Statistics
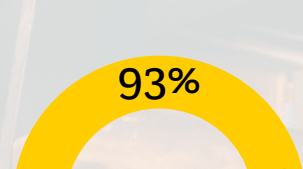Students received an average score of 73%. These students had a 100% completion rate and a 76% quality of work score.
73%

Psychology
The average grade was 88%. Students also had a completion rate of 90% and a passing rate of 97%.
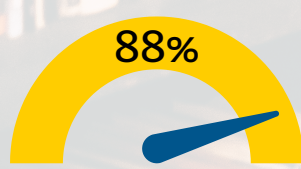**88%**

Spanish
Students earned an average grade of 93%. They had passing rate and on-schedule rates of 100%
93%

U.S. History
Students earned an average grade of 88%. They had a passing rate of 100% and a quality of work score of 88%.
88%

Computer Science Course

This course is offered both as a full year (2 semesters) and as a 1-semester course.

Intro to Computer Science
15 students enrolled in the 2020-21 full year course and 21 students enrolled in the 1-semester course

This course is recommended for students in grades 7-9 who are interested in computer science and plan to take AP Computer Science A or AP Computer Science Principles in high school.

Mentors should:
- Facilitate a pace that allows students to attain mastery
- Use the supplemental materials provided
- Ensure you provide face-to-face time with the students

For more on IOAPA: belinblank.org/ioapa