Instructional Technology
Technology Education and Certificates FY2023

OVERVIEW

Technology occupations continue to lead the largest and fastest growing rates than any other industry. It is projected that 377,500 jobs will be available each year[1]. Idaho meets these growing opportunities for our students by providing software, ongoing technical support and certification exams for students and teachers. These programs provide an opportunity for students to hand an industry certification to potential employers or collegiate recruits. Idaho students continue to make strides in knowledge and use of varying industry requested technologies. Middle and elementary schools have growing interests to be exposed to advancing technology and have been onboarding our strong programs.

HOUSE BILL NO. 1209, SECTION 8

The $1,570,000 appropriated in FY2023 covers projects that include three or more of the following components:

1. Certification of skills and competencies;
2. Professional development for teachers;
3. Integration with curriculum standards;
4. Online access to research-based content and curriculum; or
5. Instructional software for classroom use
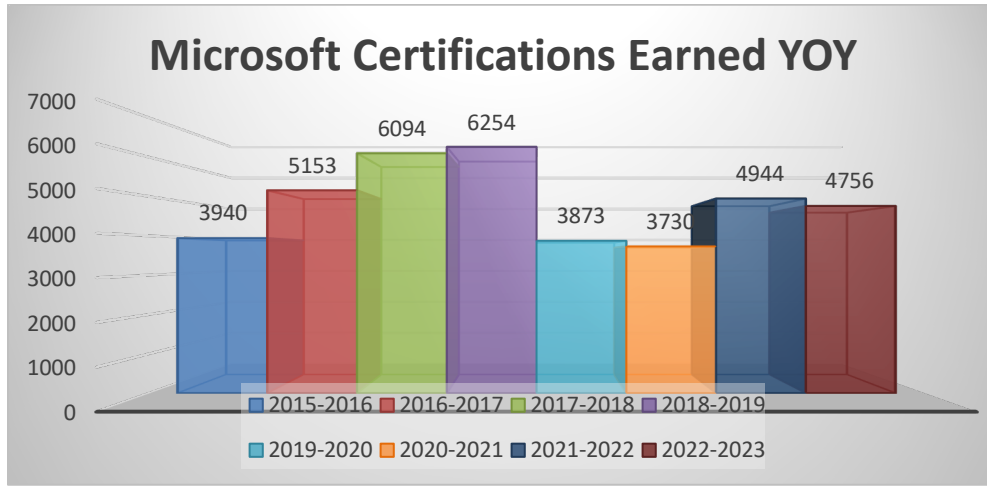
MICROSOFT OFFICE- PROGRAM COST $246,573

Microsoft Office software, curriculum, professional development for teachers, certification exams for students and teachers are all included in this program. Students are gaining favor when competing for jobs and are more prepared in college to meet high rigor demands due to
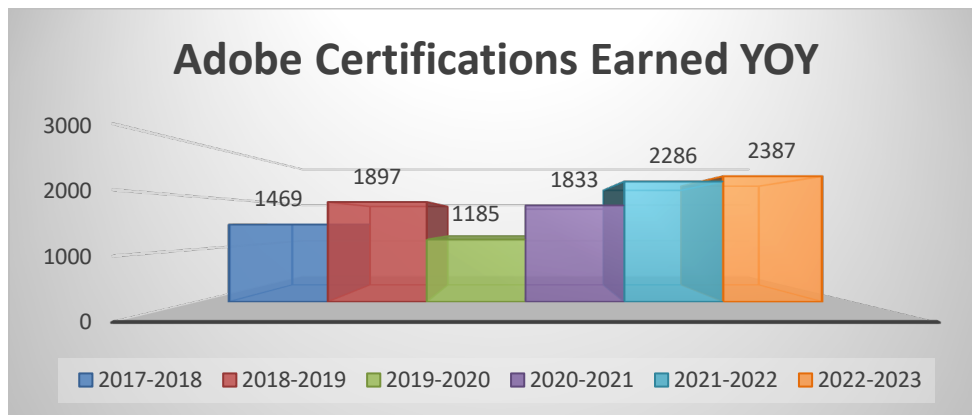
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[1] U.S. Bureau of Labor Statistics
https://www.bls.gov/ooh/computer-and-information-technology/computer-and-information-research-scientists.htm

their exposure and industry certifications. This program is available to 6-12 grade classrooms across Idaho.

Microsoft Certifications Earned YOY

2015-2016: 3940
2016-2017: 5153
2017-2018: 6094
2018-2019: 6254
2019-2020: 3873
2020-2021: 3730
2021-2022: 4944
2022-2023: 4756

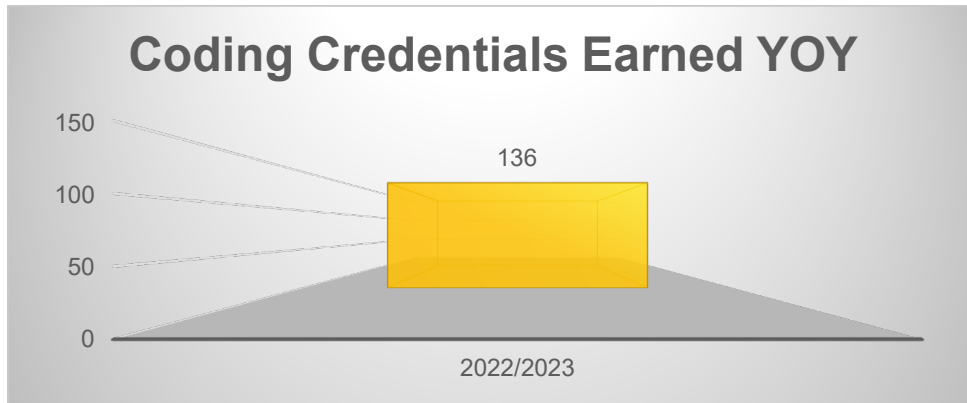## CREATE IDAHO ADOBE- PROGRAM COST $1,109,250

Adobe Creative Cloud software, curriculum, professional development for teachers, certification exams for students and teachers are all included in this program. Creative communication technologies remain on the rise for our students with growing interest in Adobe, specifically. Students are starting businesses and leaping into careers that now require Adobe skills. This program is available to 6-12 grade classrooms across Idaho.

Adobe Certifications Earned YOY

2017-2018: 1469
2018-2019: 1897
2019-2020: 1185
2020-2021: 1833
2021-2022: 2286
2022-2023: 2387

CODING IN MINECRAFT- PROGRAM COST $123,718

Minecraft Education and Coding in Minecraft software, curriculum, professional development for teachers, credential exams for students are all included in this program. This is a new

Program for 6-8th graders across Idaho. They are learning JavaScript and Python (2 of the most sought after), coding languages through a favorite technology platform for this age group.

Coding Credentials Earned YOY

A bar chart showing the value 136 for the 2022/2023 period, with a y-axis ranging from 0 to 150.

CURRICULUM- PROGRAM COST $90,000

The curriculum that supports each of our programs offers an individualized learner experience. Teachers are able to guide learners, collect progress data, offer small group conferencing with a few students at a time that share similar knowledge of the lesson, obtain additional lesson plan resources as well as prepare students for their industry certification exams through this curriculum.

NEED FOR FUTURE FUNDING

- IDAPA 104.A Computational Thinking and Digital Literacy for K-8 learners

For Questions Contact

Content and Curriculum
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