

You're Talented.

YouScience Can Prove It!

Helping Students Plan Career
Pathways with Their Talents
Leading the Way

Presenters:

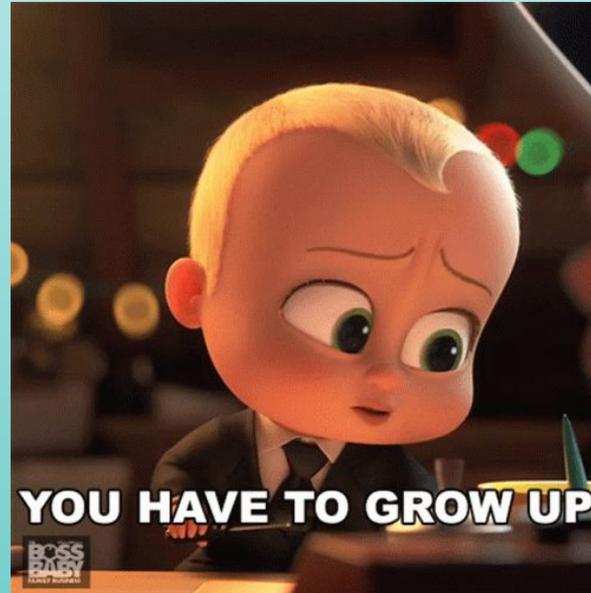
Kellie Openshaw - YouScience

Alexa Webb - American Fork HS |Alpine SD



The Reality Students Face

Students today are being asked to make career and education decisions earlier than ever.



Interests vs Talents

Teenagers' interests are influenced by:

- mood
- exposure
- friends
- what they've seen

You can't be what you can't see.



What the Aptitude Assessment Measures

- Performance-based cognitive aptitudes
- How students think and solve problems
- Stable over time
- Not interest
- Not personality



What the Aptitude Assessment Measures

Numerical Reasoning

Practice

Time to practice

Identify the pattern and choose the number that you can flag that question and come back to it later.

2 4 6 8 10 _

A	20
B	14
C	12
D	32
E	8

Visual Comparison Speed

Practice

Select "Similar" if the numbers are similar.

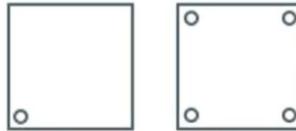
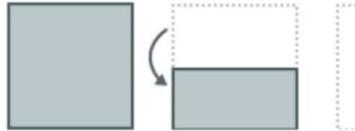
Select "Different" if the numbers are different.

		Similar
56	65	<input type="radio"/>
9243561	9243561	<input type="radio"/>
87354	87354	<input type="radio"/>
57165239	57162539	<input type="radio"/>
1432	1432	<input type="radio"/>

Spatial Visualization

Practice

Select the illustration that represents the shape that appears when the paper is unfolded half, then again into quarters and again.



A

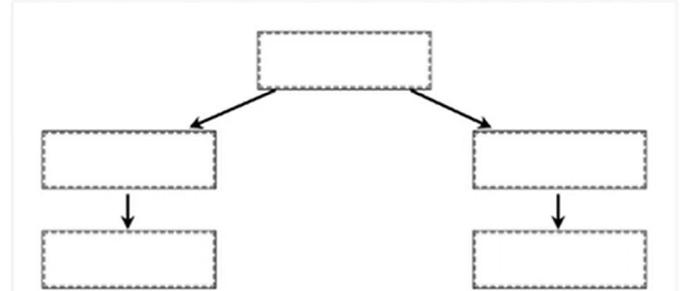
B

Sequential Reasoning

Practice

Arrange the words on the diagram in the most logical descending order.

Try to answer each question in one minute or less. After two minutes you will be notified.



⌘ Leg

⌘ Head

⌘ Fingers

⌘ Toes

⌘ Arm

What the Aptitude Assessment Measures

Inductive Reasoning

Time to practice

You will see six pictures, three are related in some way. Using your mouse or keyboard, select the three related pictures and click 'Next' or press Enter to continue. If you'd like to change your answers, you may edit them before moving to the next series of pictures.

Try to answer each question in one minute or less. After two minutes you will be moved to the next section automatically.

Select **exactly** 3 items that have something in common.



A



B



C



D



E



F



What the Assessment is NOT

- ✗ NOT a personality test
- ✗ NOT predictive or limiting
- ✗ NOT a track or a label

It is a starting
point for
exploration



What students discover

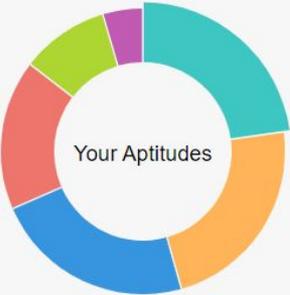
- their unique aptitude profile
- language to describe their strengths
- career matches aligned to those talents
- pathway and course suggestions



Andrew, you crushed it!

You have some serious talent and awesome career opportunities!

Explore more of your talents



You are a **Sequential Thinker**

- You can easily organize ideas and concepts in your head.
- You're good at fitting steps into a process, or activities into a schedule, so you excel as a planner.
- Developing systems that do not exist or making existing systems more efficient is where you will shine.

[Explore](#)

[View Career Matches](#)

Personal Approach

Balanced Focuser	
Blended Energizer	
Accomplished Vocabulary	
Specialist	

Your Work Approach
You are a **Specialist**.

[Explore](#)

How counselors use this

Andrew, you crushed it!

You have some serious talent and awesome career opportunities!

Explore more of your talents



Hey Drew, I noticed you are a sequential thinker. You tend to be strong at organizing steps and building processes. Have you noticed that in things you enjoy doing?

You are a **Sequential Thinker**.

- You can easily organize ideas and concepts in your head.
- You're good at fitting steps into a process, or activities into a schedule, so you excel as a planner.
- Developing systems that do not exist or making existing systems more efficient is where you will shine.

Explore

View Career Matches



PART 1

7TH - 8TH GRADE

PART 2

9TH - 10TH GRADE

PART 3

11TH - 12TH GRADE

PART 4

POST HIGH SCHOOL

Maria:

- **discovered her aptitudes**
- **explored career options**
- **aligned coursework**
- **pursued credentials**



Student Pathway Example



Gavin

APTITUDES

- Computers and Tech
- Health Science
- Architecture and Construction

INTERESTS

- Engineering
- Arts & Media
- Advanced Manufacturing

Engineering

Careers in engineering focus on planning, managing, and providing scientific research and lab testing.

Education Investment	Projected Openings	Average Salary	Education Investment	Projected Openings	Average Salary	Education Investment	Projected Openings	Average Salary	Education Investment	Projected Openings	Average Salary	Education Investment	Projected Openings	Average Salary
4+YRS	15K	\$84K	4+YRS	21K	\$111K	4+YRS	19K	\$104K	4+YRS	2900	\$100K	4+YRS	13K	\$150K
Statistician	Aerospace Engineer	Chemical Engineer	Marine Engineer	Petroleum Engineer	Manufacturing Engineer	Astronomer	Chemist	Transportation Planner	Quality Control Analyst					

Astronomer! I love space!
Aerospace Engineer!
That would be so cool!



Student Pathway Example



Gavin

APTITUDES

- Computers and Tech
- Health Science
- Architecture and Construction

INTERESTS

- ~~Engineering~~
- Arts & Media
- Advanced Manufacturing



- * Aerospace Day on the Hill
- * 10th grade Engineering & Robotics courses

Mom - I think I want to take some Health Science classes next year.



Why This Matters for Pathways

- engagement increases
- persistence increases
- confidence increases



Aligning with Experiences

Using YouScience data, **Jordan School District** made personalized invitations to students with high aptitudes for careers in specific industries to participate in focused work-based learning experiences (personalized career fairs) - **results were better than expected!**

Connecting Education to Workforce Personalized career fairs

How interested are you in...? 1 low - 5 high Likert Scale % of students selecting 4-5	Pre-event	Post-event	Interest Gain	Desired Outcome
Finance	25%	46%	+21%	Reduce JSD's biggest exposure gap (Finance has 14x more aptitude than interest in district)
Construction	15%	61%	+46%	Promote JSD's new Construction Management program and fill next semester's class enrollment

34% enrolled

26% enrolled

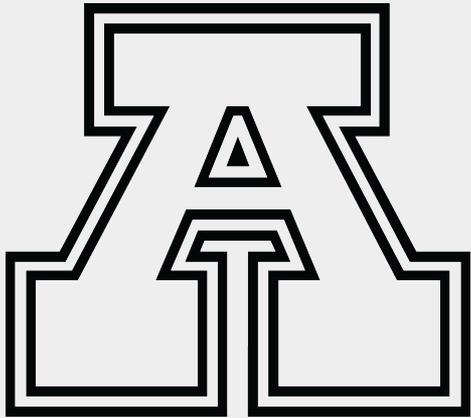


Counselor Impact

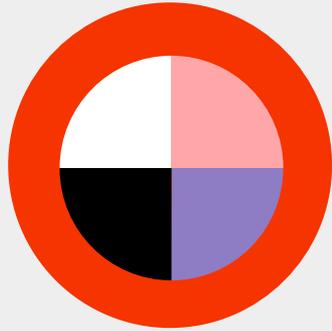
Counselors sit with students at the center of their student journey.



American Fork Cluster **YouScience**
Aptitude and Career Discovery
Implementation

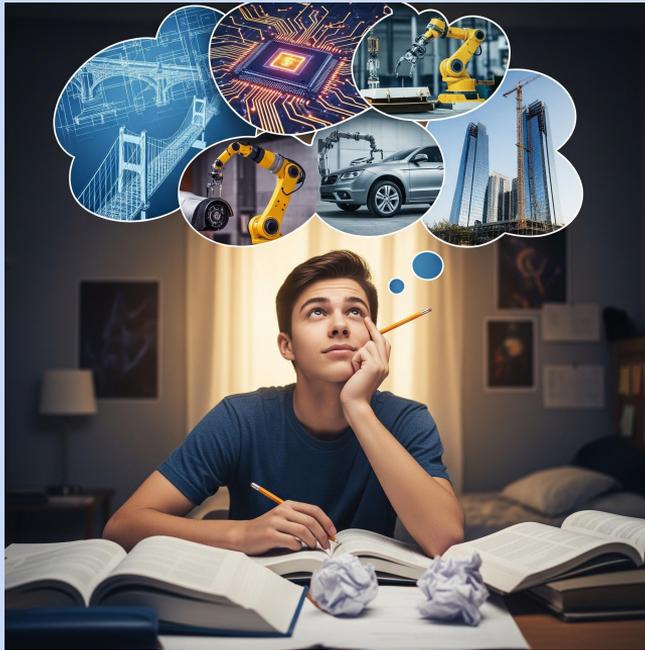


you
science™



Career Connected Learning
(CTE) creates more engaged
and hopeful students.

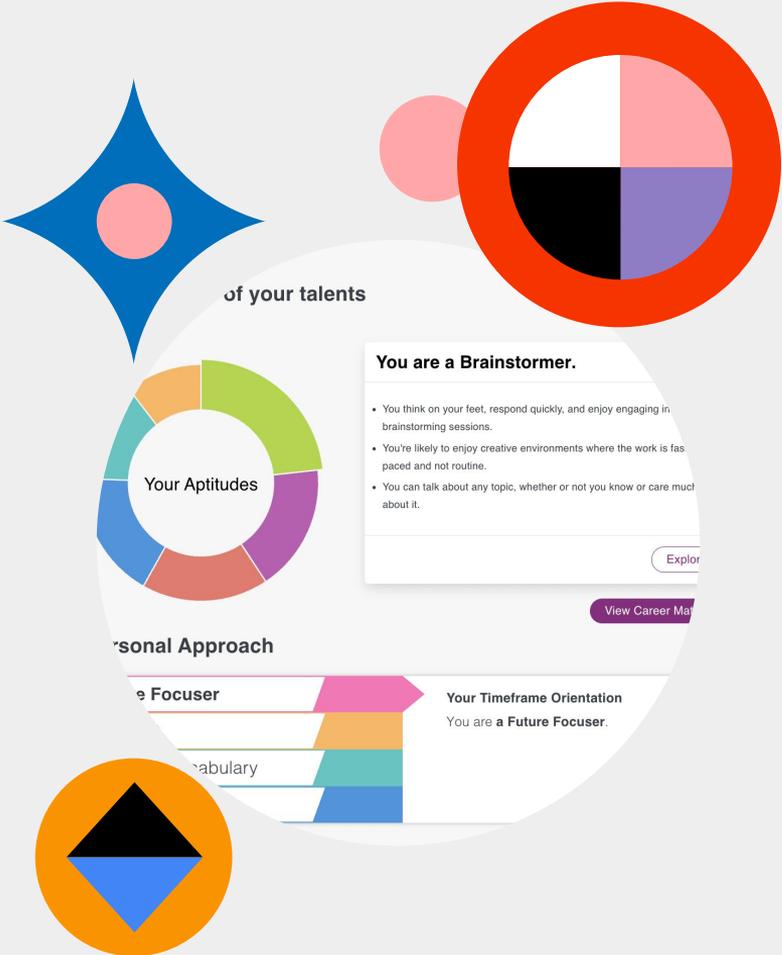
Sept 2023 Gallup reported that there is a direct connection in the number of Career Connected Learning opportunities and a student's "engagement and hope".



9th Grade "Summit"

Students have the opportunity to complete the Brain Games on ACT day in March

Results used during CCR's



MARCH 2025

Our AFJH YouScience day was a HUGE success.

Thank you for everything you did to make this day a success. We had such positive experiences and feedback from teachers and students.



THE RESULTS

How Many?

60% of our 9th graders started the YouScience Assessment. This is a HUGE jump compared to the 5% that completed it last year!

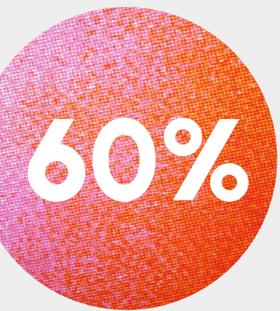
Student Feedback

90% of our students think we should do this event again

80% of our 9th grade students found the event "helpful"/ "extremely helpful"

Teacher Feedback

Over 90% of the teachers who completed the feedback form agreed that this activity was "effective" to "highly effective" in helping students explore career interests!



60%



The most useful part of today was that it helped me find what I'm good at. It helped me realize what I should be focusing on so I can get a better career that fits me in the future. The interesting part is that I found out I'm more of a creative learner than realistic which was kinda surprising to me.



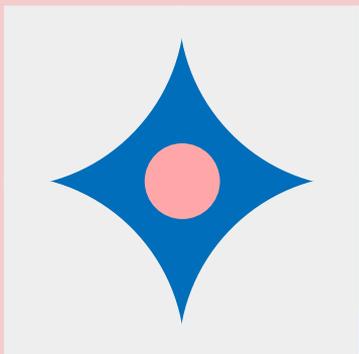
9th grade student



The most interesting thing was learning about what I am good at and what I am not. Especially with the writing and memorizing ones. I learned things about myself that I would not have realized otherwise, and overall this could be very helpful for my future. At the end it was also very cool to see what careers would best suit me and what careers could really help me enjoy what I am doing in the future, which I think is really cool and helpful. overall it was a chill fun day!



9th grade student



Current Engagement Report

Updated numbers show 86% of the class has started or completed the Aptitude & Career Discovery Brain Games.

Report shows over 50 % of the class has results available for them to download!

Current Engagement Report

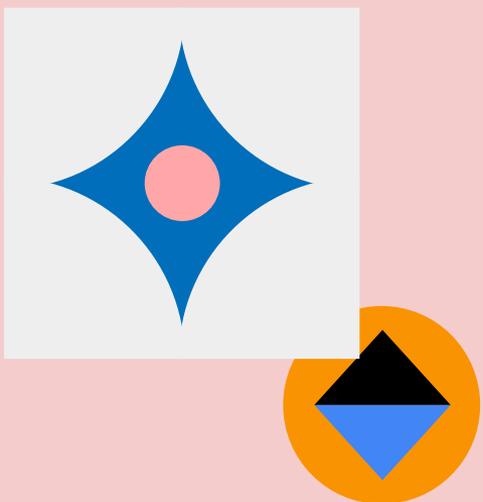
Quick Stats

Top Clusters based on Students' Aptitudes

Cluster
Digital Technology
Arts, Entertainment, & Design
Management & Entrepreneurship
Supply Chain & Transportation
Public Service & Safety

Top Pathways based on Students' Aptitudes

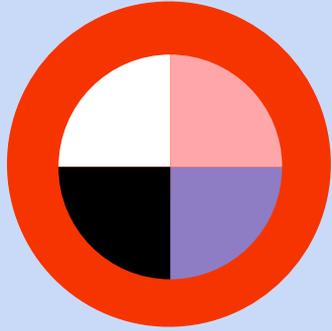
Pathway
Food Science, Dietetics & Nutrition
Information Technology Systems
Family & Human Services
Programming & Software Development
Business



Current Engagement Report

Use data to:

- offer Flex Time guest speakers
- share upcoming event / conferences info
- recommend new classes



MARCH 2026

**These students are now
Sophomores preparing to
register for Junior year.**

We have sent out a survey asking for feedback about their One Page Summary and how it has helped them for registration.



After high school I want to become a teacher. These aptitudes make sense for specific things in the career of teaching!

This one page summary actually confirms the aptitudes I have and how I interpret them to help in the field of teaching.

My industries may not list education as one of the options I am interested in, but I love that it gives me the option to try new things that I may be good at! Things that I may have never thought of before.

Now that I know what my top skills are I can use those skills to my own advantage in my future classroom and become the best teacher I can be! -AFHS Senior





This summary definitely confirmed what I'm wanting to go into as a career. These would all be great for Healthcare and Human Services, which is the cluster of careers I would love to go into. It definitely opens my eyes to more things for the future.

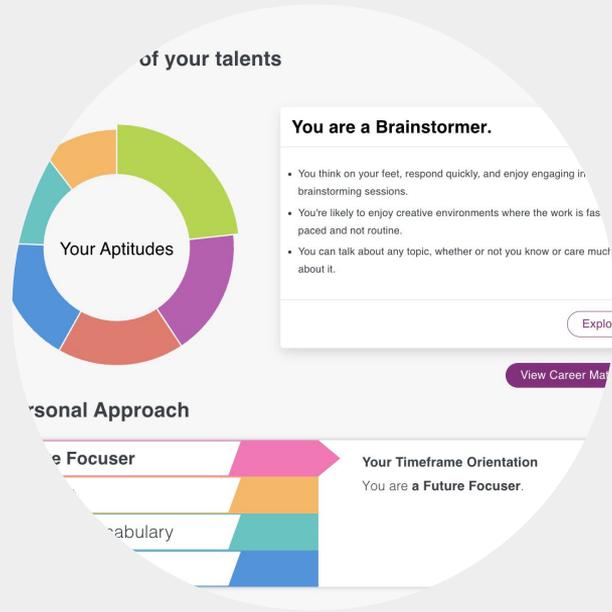
It highlights my strengths and tells me in specific careers where I would most thrive. Even in careers where a lot of my strengths are being used, it shows me the parts where I could focus outside of work to still work with the strengths that aren't used in that specific job which is super helpful.

This summary is helpful because it has helped me learn a lot about myself and the way that my brain works. It has opened my eyes to some careers that I hadn't thought of before and how I would work well in them. It had taught me how to keep some options open and see what I really love to do. - AFHS Senior

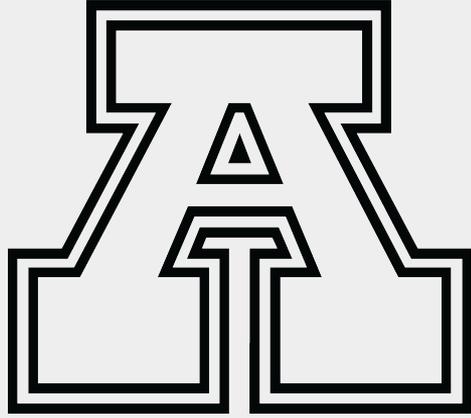


AFJH YouScience Day

ACT Day
Wednesday,
March 11, 2026
Class of 2029



GOALS



Parents and students are more aware of this awesome opportunity and continue to spread the word

More students are able to commence the Discovery module every year

Students have better reasoning to determine classes at registration

Every grade level will use their YouScience results to be more effective in planning high school classes, career pathways, and post high school experiences

