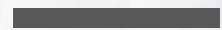


New Research on the Links Between SEL and Academic Growth



And What it Means for Your District

Join the Discussion



#SELGrowth



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**What are the associations between SEL
and academic growth?**

Today's Agenda

- Understand links between social-emotional learning and academic growth
- Share new findings on the relationships between **Self-Management** and **Self-Efficacy** and academic growth
- Meet Tippecanoe Valley High School, which has especially strong, positive associations between SEL and academic growth
- Explore how TVHS is using **grading policies that build self-efficacy, social-emotional learning data, and RTI at the secondary level** to support the success of all of their students

Building Blocks of Student Success



COURSEWORK



**SOCIAL-EMOTIONAL
LEARNING**



ATTENDANCE




BEHAVIOR

Research Questions

- What are the associations between SEL and the ABCs - attendance, behavior, and course performance?
- What are the links between specific SEL topics and academic achievement and growth?

Supporting our students' academic success with social-emotional learning



**SEL as a
Remedy for
Course
Failures?**

Research Minute



2:55



What is most associated with failing grades?



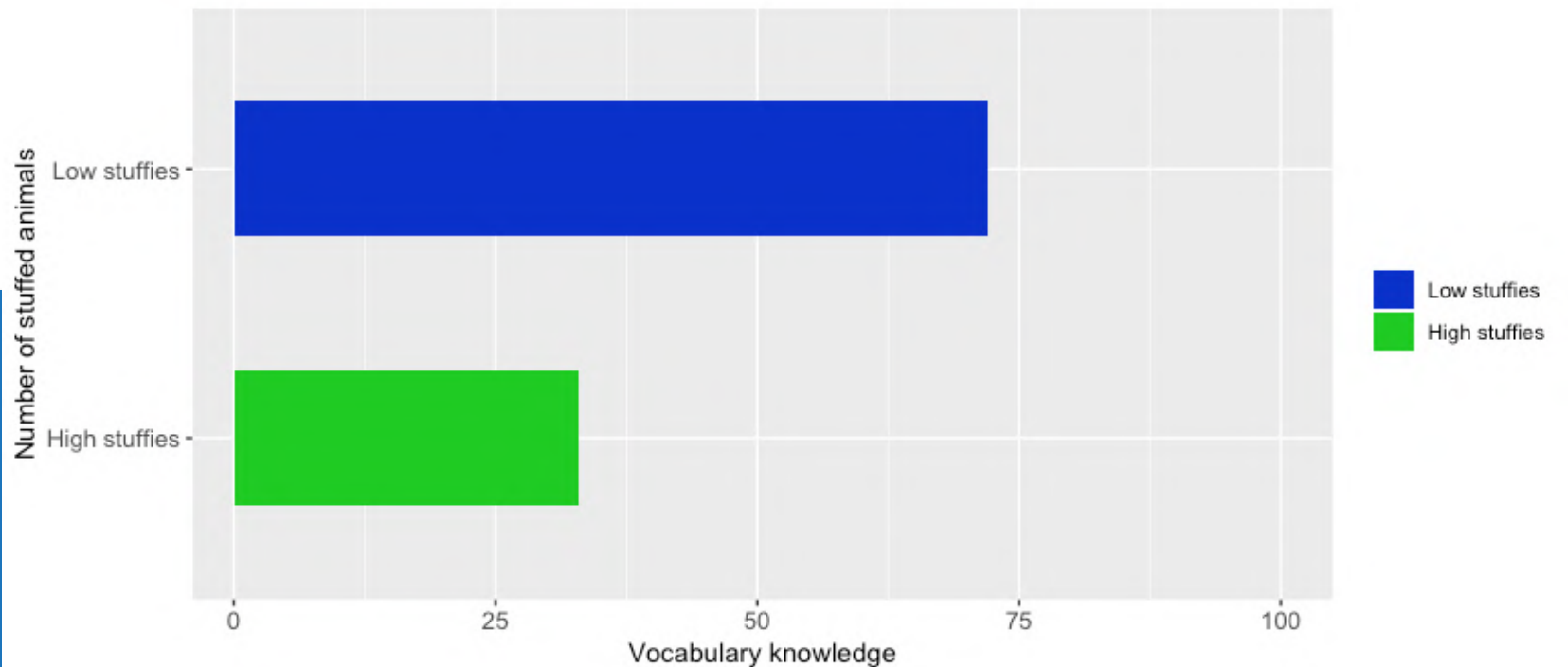
Tools for Understanding

- These findings are big picture, not a portrait of individual students
- Correlation \neq Causation
- Correlation = If one measure is high, another measure also tends to be high, and vice versa



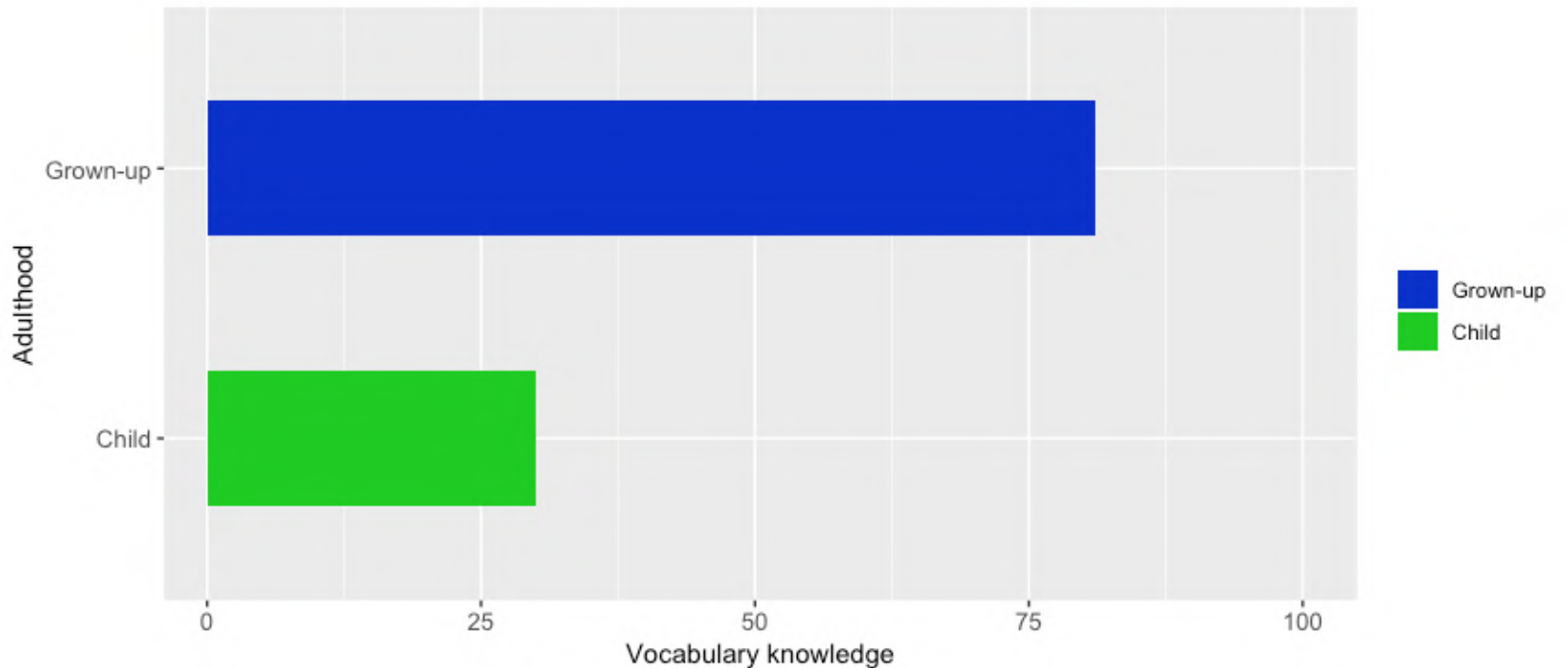
SEL and Academic Performance Adjusting for Demographics

Silly illustration of why we adjust for demographics: Stuffed animals and vocabulary knowledge



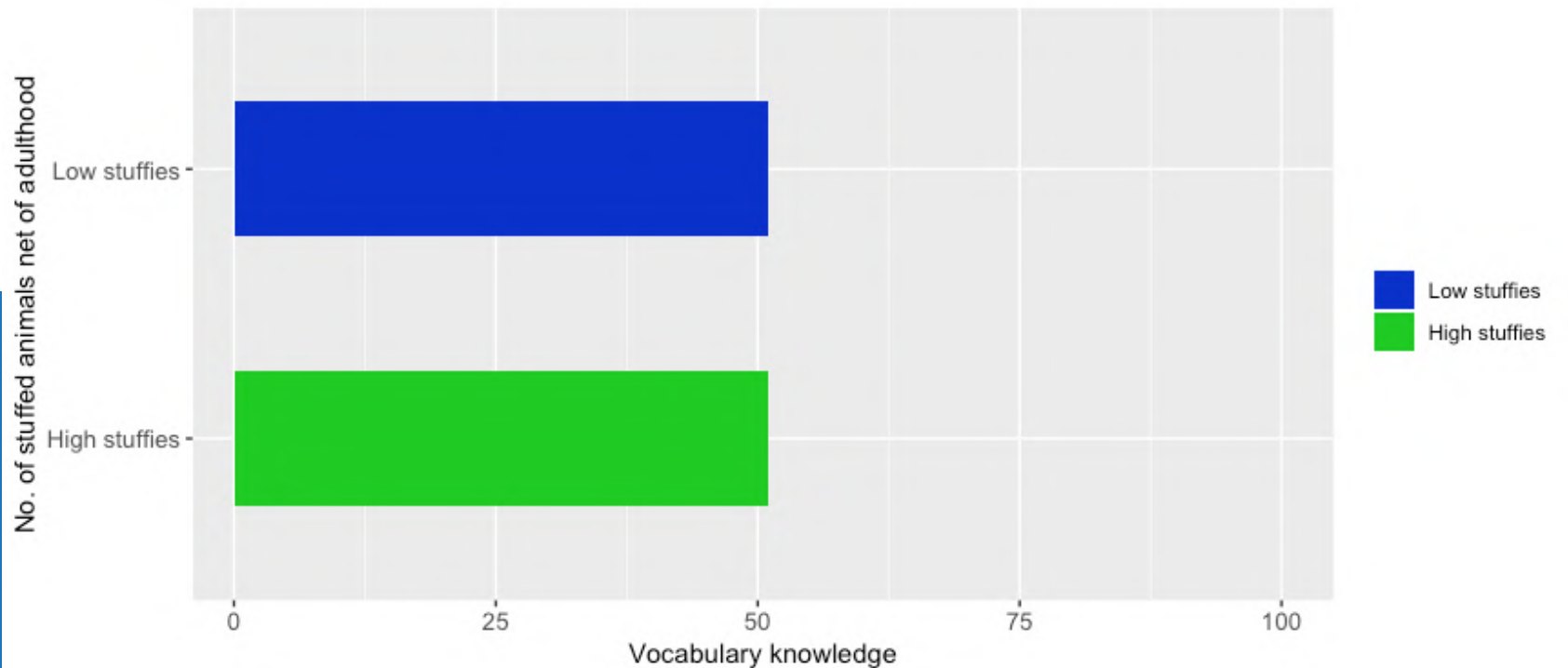
SEL and Academic Performance Adjusting for Demographics

In this silly illustration, it turns out the underlying factor is *adulthood*.



SEL and Academic Performance Adjusting for Demographics

This is the link between stuffed animals and
vocabulary knowledge net of adulthood



Net of Student Demographics, How is SEL Linked to GPA?



Emotion Regulation

How often are you able to control your emotions when you need to?



Growth Mindset

In school, how possible is it for you to change how intelligent you are?



Grit

If you have a problem while working towards an important goal, how well can you keep working?



Self-Efficacy

When complicated ideas are discussed in class, how sure are you that you can understand them?



Self-Management

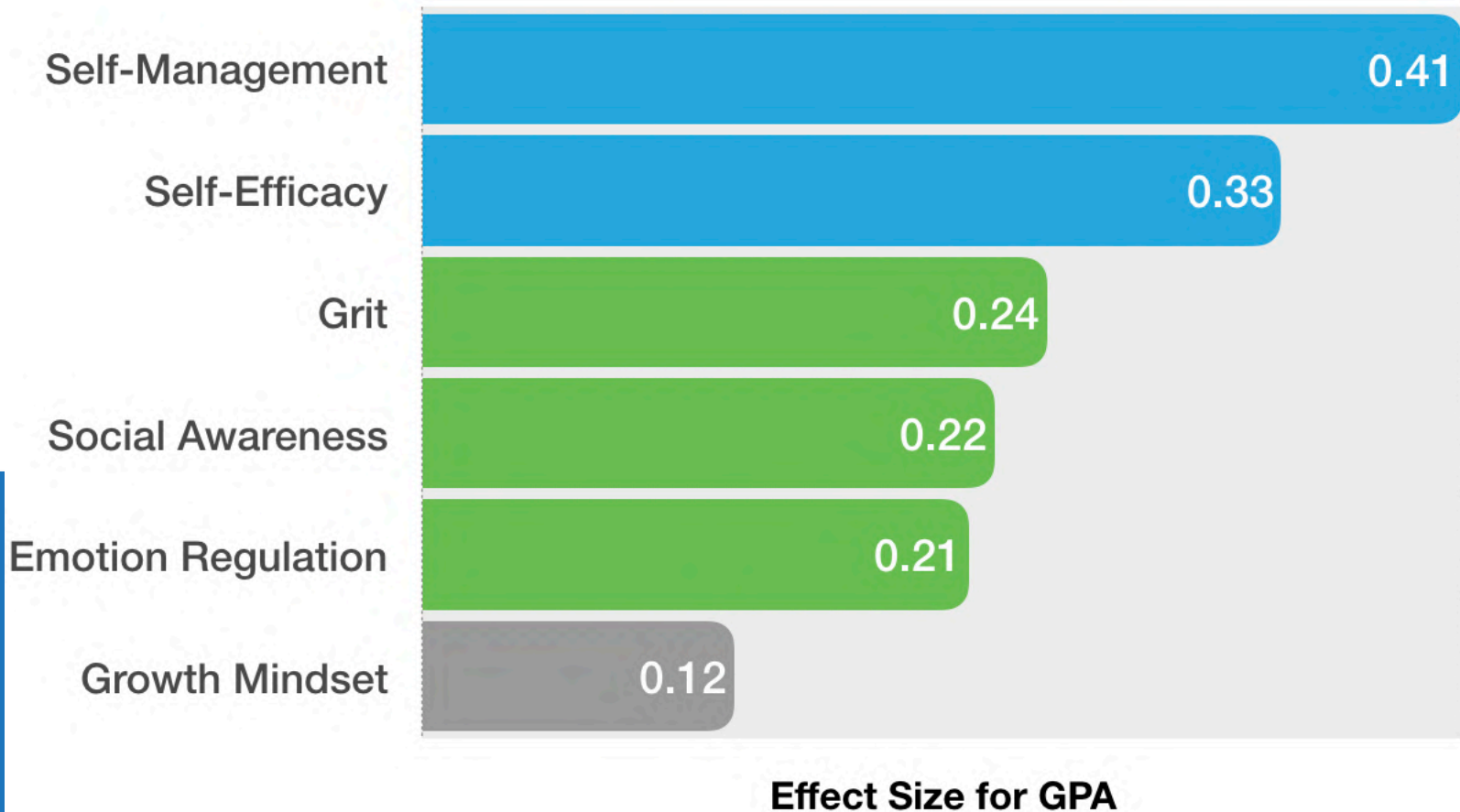
How often did you get your work done right away, instead of waiting until the last minute?

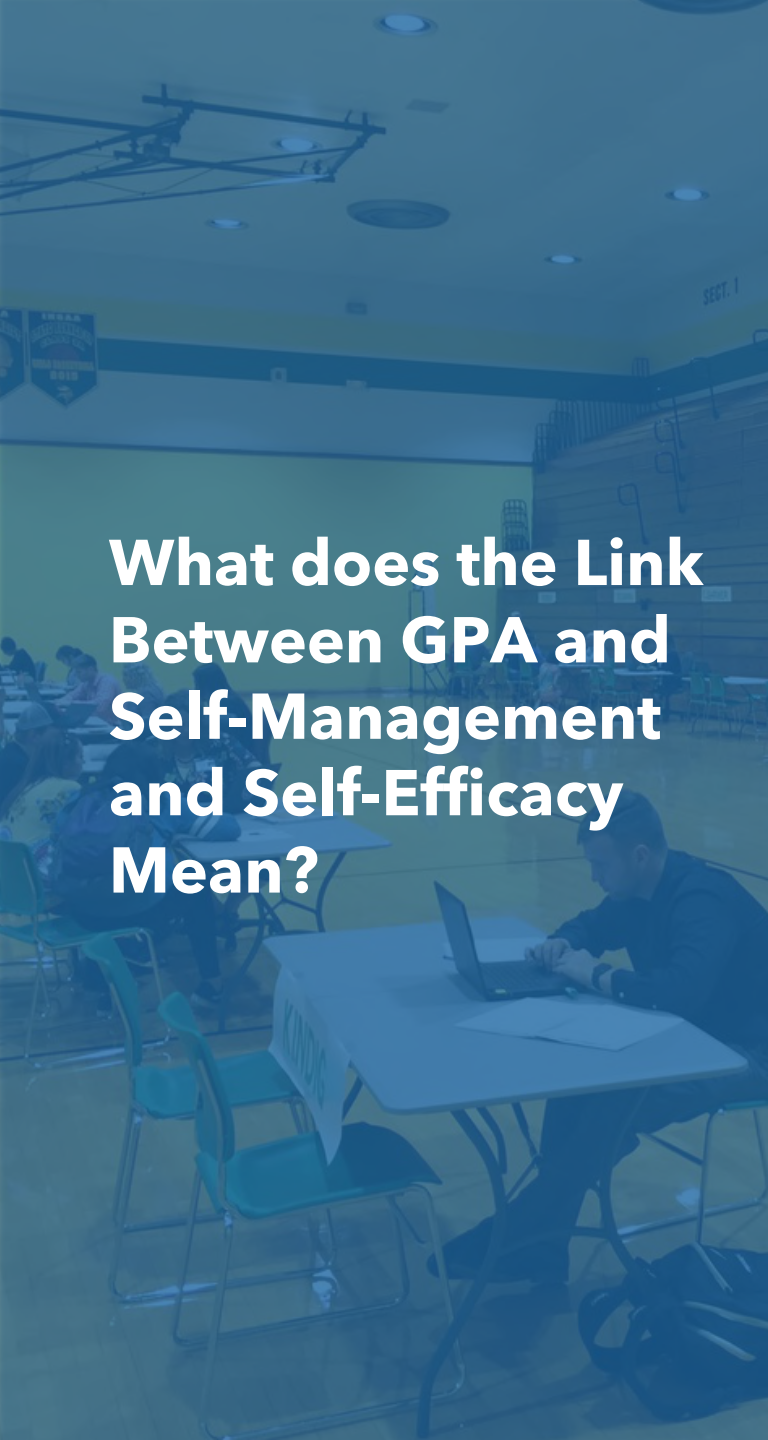


Social Awareness

During the past few weeks, how well were you able to describe your feelings?

Net of demographics, how is SEL linked to GPA?





What does the Link Between GPA and Self-Management and Self-Efficacy Mean?

Imagine a school where...

- GPA is measured 0 - 4.0
- Lowest GPA in the school is 1.0 (Straight Ds)
- Highest GPA is 4.0 (Straight As)
- Average GPA is 3.1 (Mostly Bs)

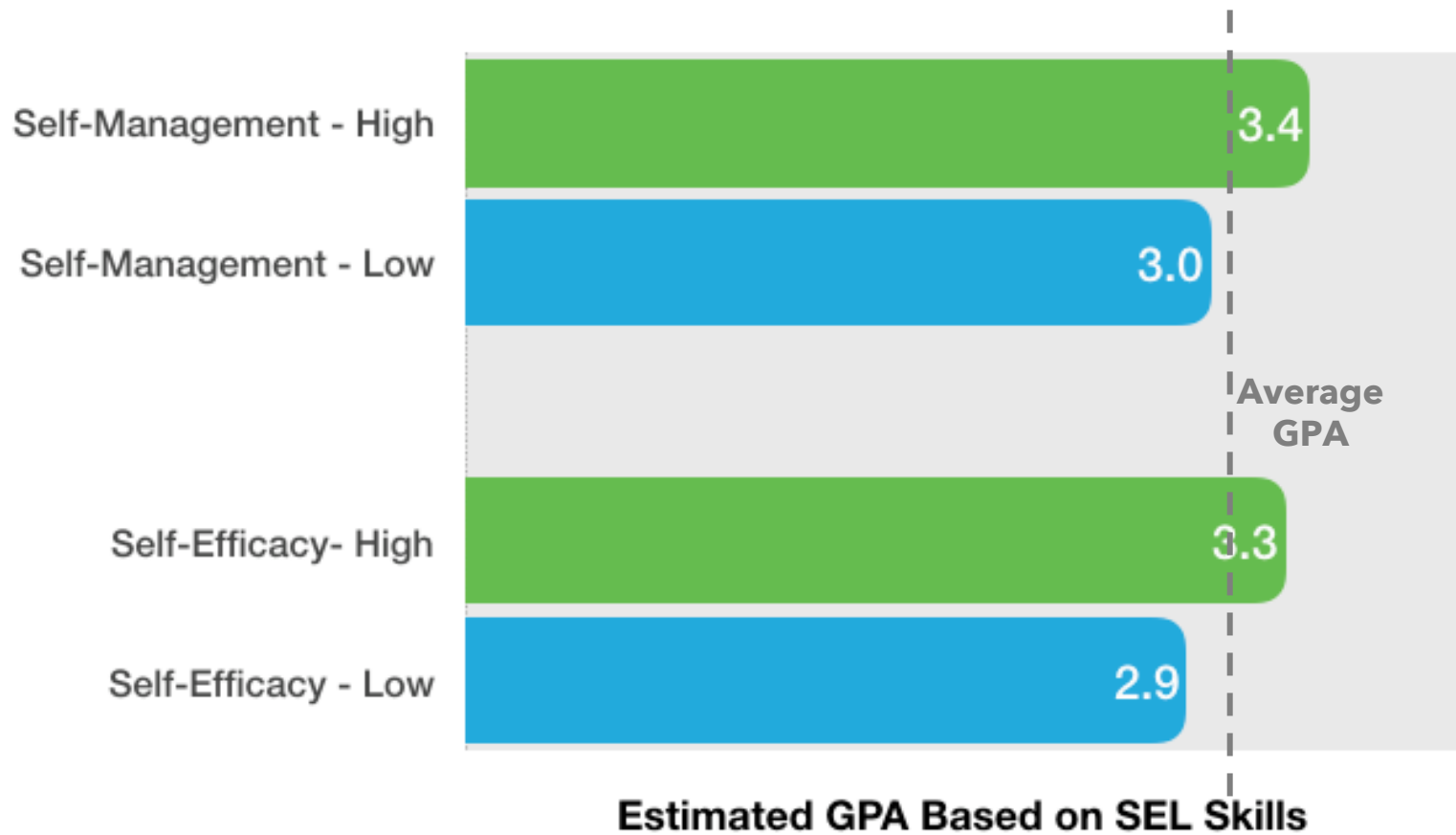
Imagine two students who are...

- 6th grade boys
- Under-represented minorities
- General Education Students

But, there's one difference...

- Student 1 has **very high** Self-Efficacy and Self-Management
- Student 2 has **very low** Self-Efficacy and Self-Management

What does the link between GPA and SEL mean?



Net of Student Demographics, How is SEL Linked to Math Assessments?



Emotion Regulation

How often are you able to control your emotions when you need to?



Growth Mindset

In school, how possible is it for you to change how intelligent you are?



Grit

If you have a problem while working towards an important goal, how well can you keep working?



Self-Efficacy

When complicated ideas are discussed in class, how sure are you that you can understand them?



Self-Management

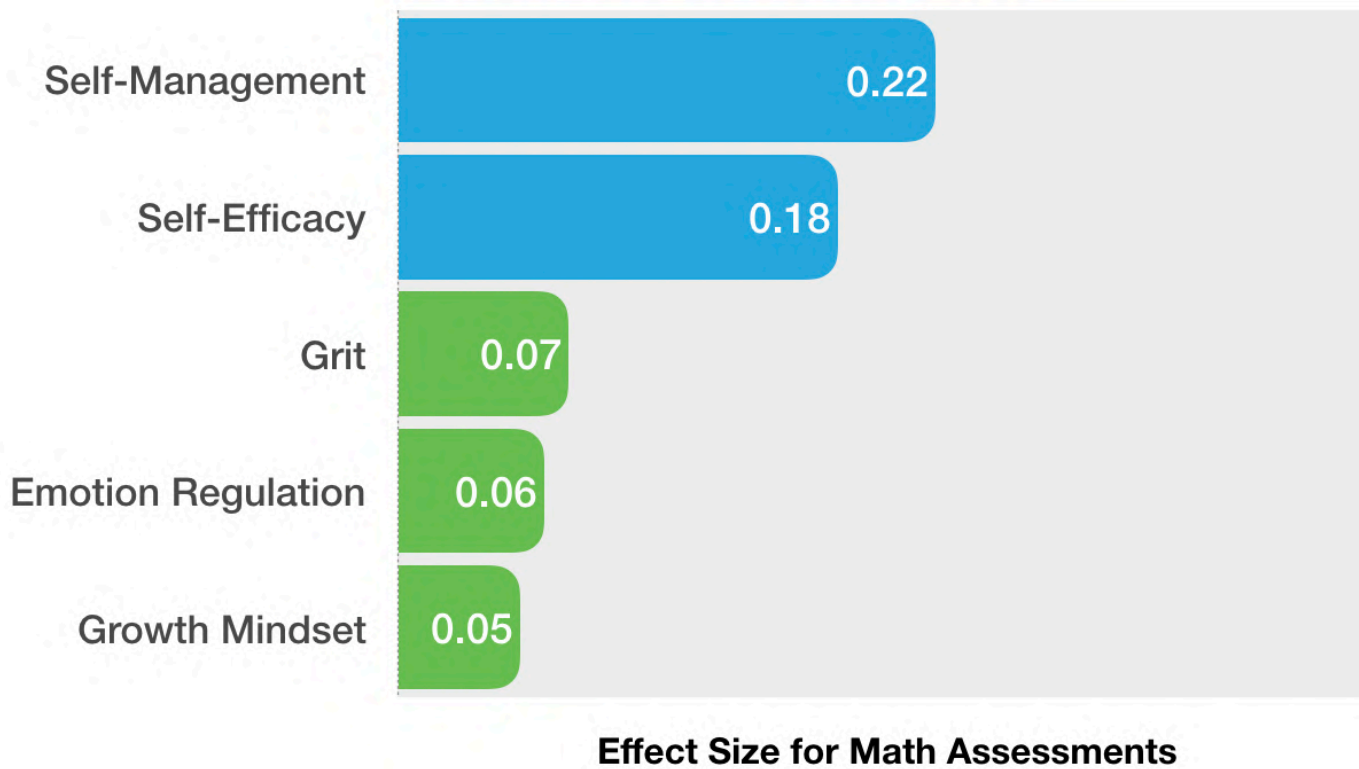
How often did you get your work done right away, instead of waiting until the last minute?



Social Awareness

During the past few weeks, how well were you able to describe your feelings?

Net of demographics, how is SEL linked to math assessments?



Net of Student Demographics, How is SEL Linked to Math Assessments?

Imagine a school where...

- Math assessments are scored 0 - 100
- Average math assessment score is 50

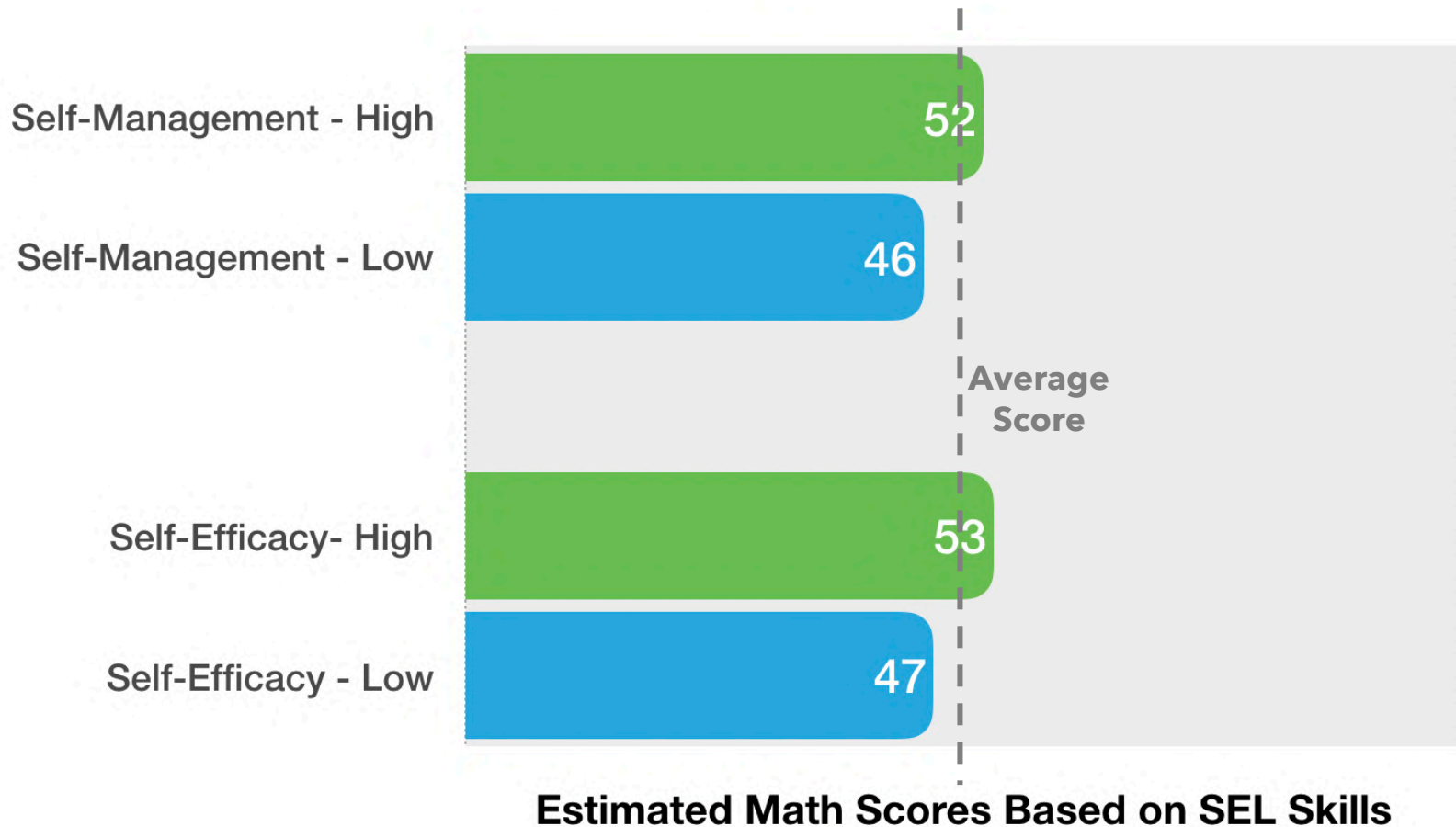
Imagine two students who are...

- Girls
- English language learners
- Under-represented minorities
- General Education Students

But, there's one difference...

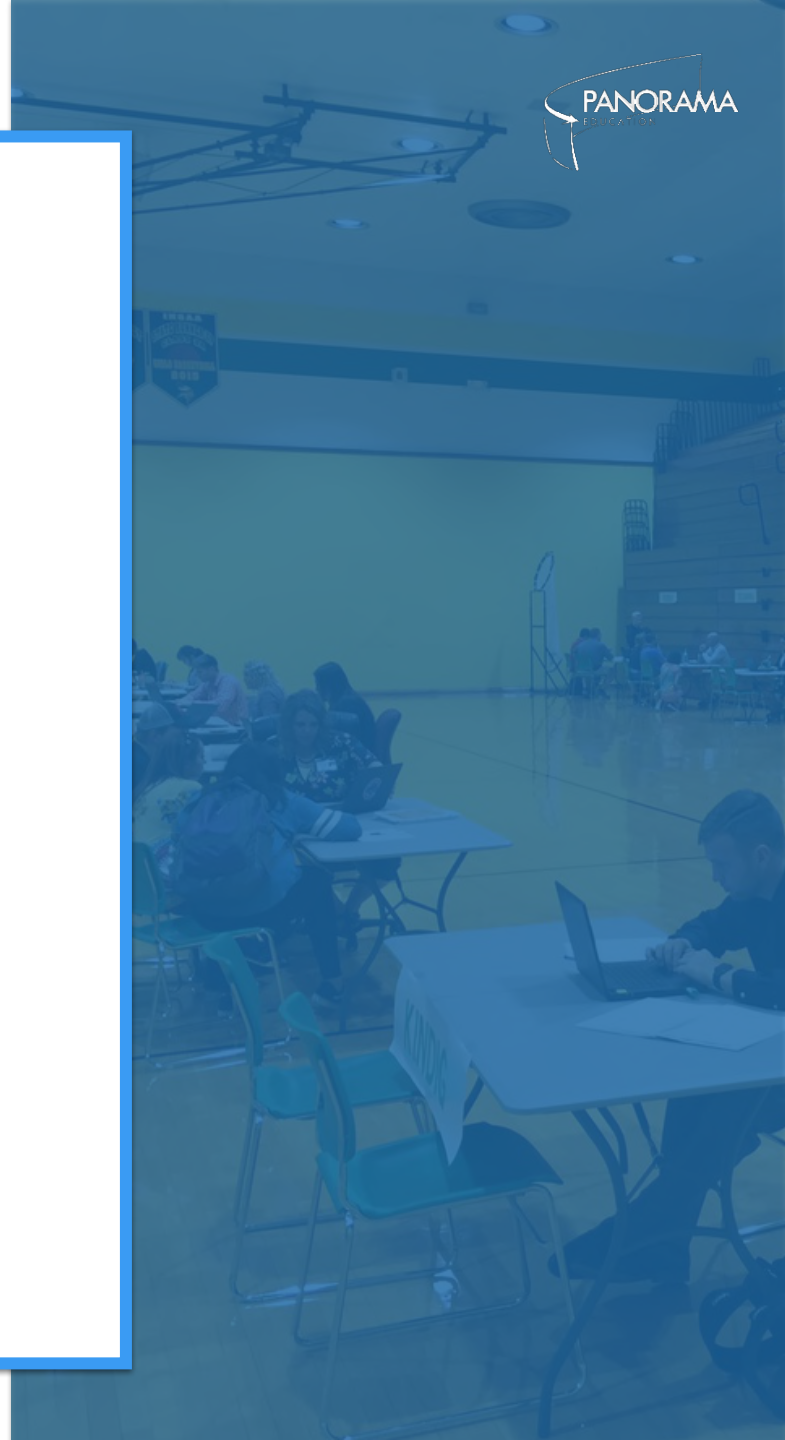
- Student 1 has **very high** Self-Efficacy and Self-Management
- Student 2 has **very low** Self-Efficacy and Self-Management

What does the link between math assessments and SEL mean?



What these findings tell us

- Higher SEL is linked to more positive outcomes
- In particular, higher **Self-Management** and **Self-Efficacy** are linked to higher academic performance
- The links point to the importance of **building habits of learning and students' belief in their ability to learn**





Supporting Students' Academic Growth

At Tippecanoe Valley High School

Meet TVHS

- Traditional high school located in northeast Indiana
- Serving 550 students in grades 9-12
- Almost 60% of students qualify for FRPL
- About 20% of students receive special education services
- Our students pursue an array of interests and skills, including athletics, band, choir, art club, and Future Farmers of America (FFA)



Positive Association Between SEL and Assessments Scores

- **Grading Policies and Practices**– Do our grades build self-efficacy?
- **RTI at the HS Level**– To find and support our students before they fail
- **Using SEL Surveys and Character Day to Find Students' Strengths**– Inspired by positive psychology, we want all student to understand their own social-emotional and character strengths
- **Sharing SEL Results at Parent-Teacher Conferences**– Making SEL part of the conversations we have with parents





By Entering a Grade, Are We Building Self-Efficacy?



< Back Joseph Abshier

Semester 2 (current) Coursework

Create a support

How will you support Joseph ?

2x10 relationship building

Phone call home

Homework club

Organization session

Buddy student

Classroom observation

Check-in / check-out

Add your own support...

What other context do you have about Joseph ?

Add a note...

Clear

Save

Your plan will be visible to your colleagues

Academics

What is Joseph's GPA?

3.0 simple

Cumulative

3.0 weighted

Cumulative

What are Joseph's grades?

Term	Course Teacher	Changed	Semester 1	Semester 2
+ Semester 1	Integrated Math I Jennifer Gutierrez	2 months ago	80.0	
+ Semester 1	English I Rico Grzywinski	2 months ago	81.79	
+ Semester 1	PE 1 Derrick Dourado	2 months ago	90.12	
+ Semester 1	Reading Improvement Evelyn Hammond	2 months ago	87.54	
+ Semester 1	Spanish I Christopher McBride	2 months ago	84.32	
+ Semester 1	Physics Joseph Skinner	2 months ago	85.64	

Need Help?



RTI at the Secondary Level

By providing proactive supports, we are not waiting for our kids to fail. Instead we:

- Look at formative assessments and other data in Panorama Student Success to understand who needs help.
- Create time in our PLCs for teachers to plan and deliver supports
- Provide data-driven instruction

Create a support

How will you support Sally? ?

Phone call home

Homework club

Organization session

Check-in / check-out

Add your own support...

What other context do you have about Sally?

Attendance has declined this term, failing one course|

Clear

Save



Character Day

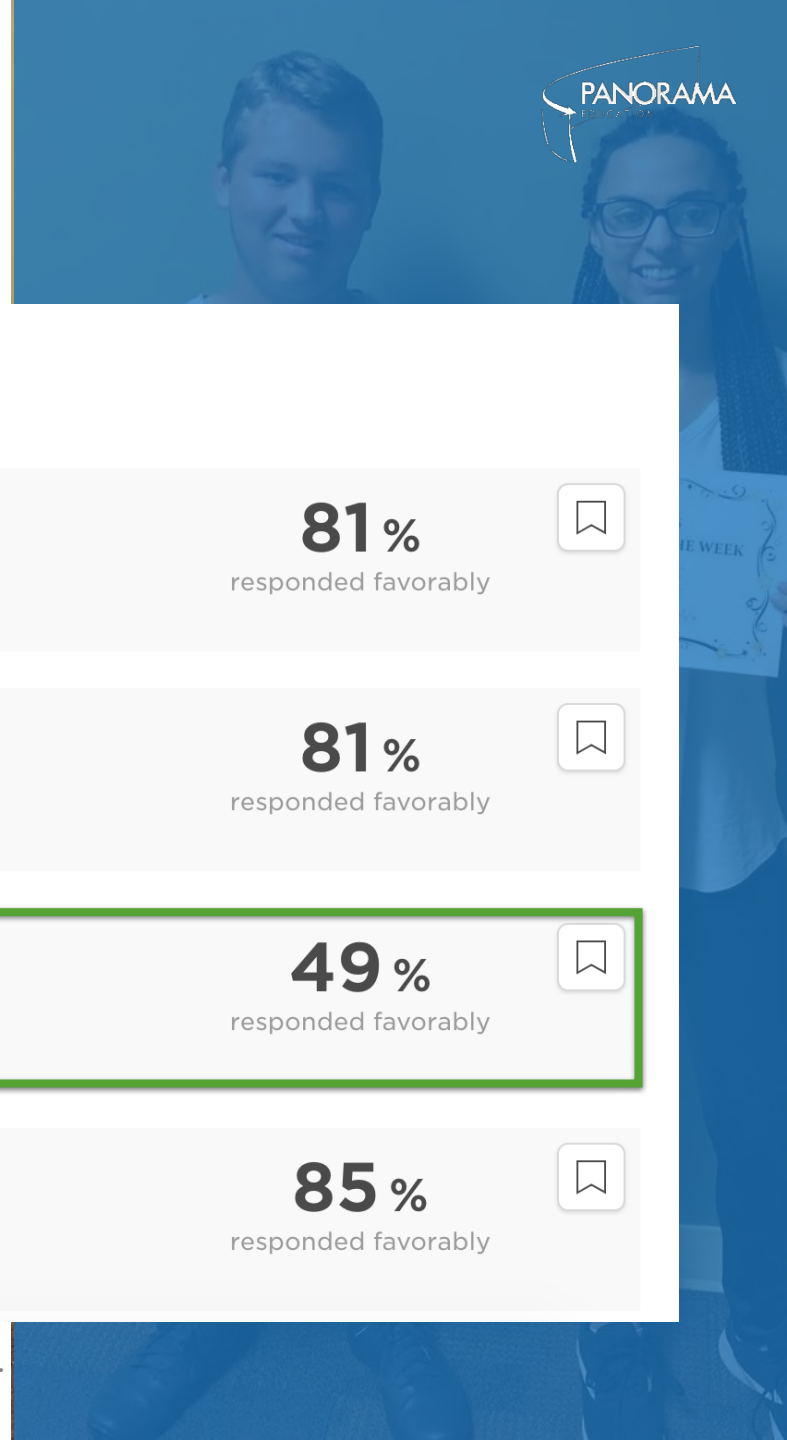
Based on positive psychology

- Give every student tools to understand and appreciate his/ her own character strengths and the strengths of others
- Students take a character strengths survey
- Use videos and shared terminology to norm around remembering and drawing on your character strengths





Using SEL Data to Pinpoint Opportunities to Improve



How did students respond to each question?

Sorted by Survey order ▾ First to last ▾

QUESTION

› During the past 30 days...How often did you come to class prepared?

81%
responded favorably



QUESTION

› During the past 30 days...How often did you follow directions in class?

81%
responded favorably



QUESTION

› During the past 30 days...How often did you get your work done right away, instead of waiting until the last minute?

49%
responded favorably



QUESTION

› During the past 30 days...How often were you polite to adults?

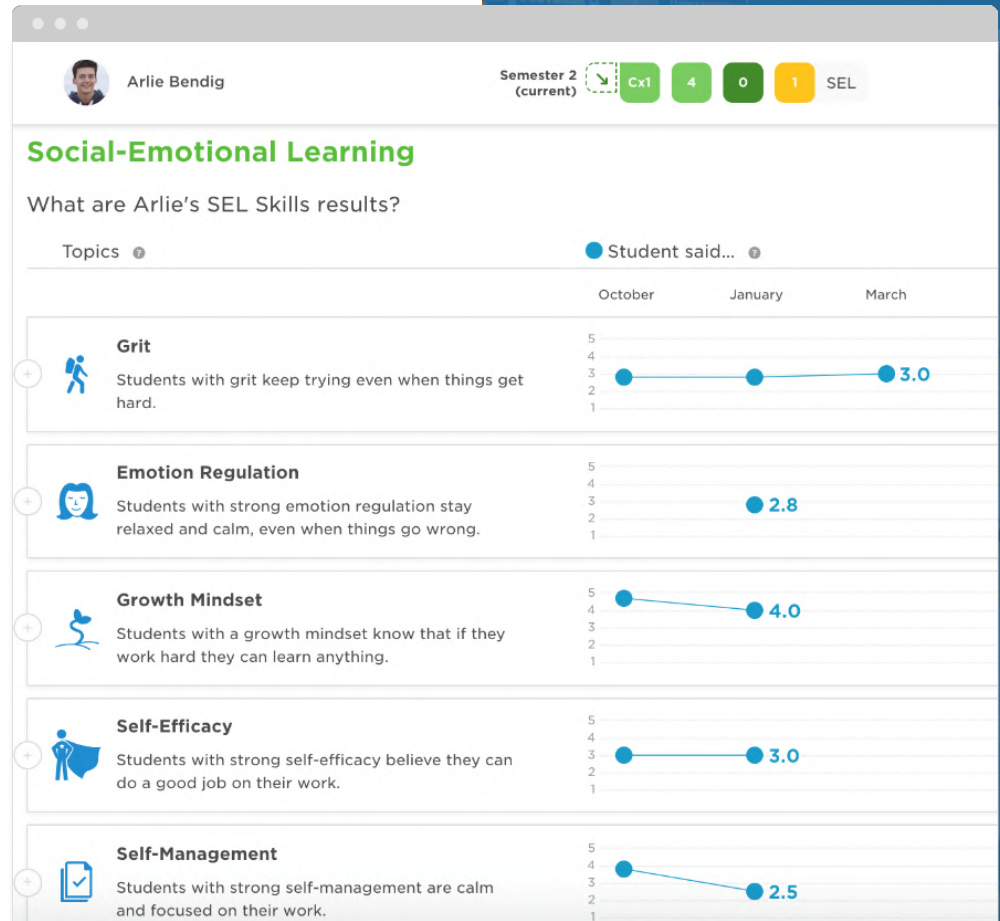
85%
responded favorably



TVHS results on Self-Management Panorama SEL Survey items.



Bringing Students' SEL Reports into Parent-Teacher Conferences



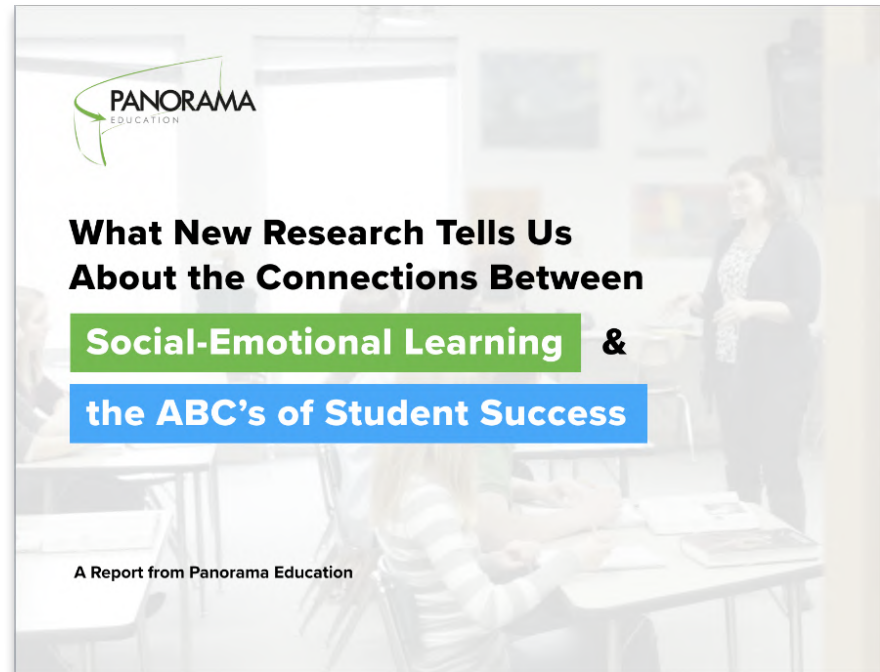


What's the impact?

- Our staff and our students understand the **power of self-efficacy** - the power of belief in yourself and the “power of yet”
- Panorama identified an especially strong, positive association between our student SEL and assessment scores
- Our school received an **A Letter Grade** for 2017-2018 from both the Indiana and US Departments of Education



Panorama's Research Brief: SEL + ABCs



Download the resource:
bit.ly/sel-abc

Questions & Answers

Join the Discussion



#SELGrowth



Thank You!

Join the Discussion



#SELGrowth