WORKING SMARTER WITH DATA

(Even If You Hate It)

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INTRODUCTIONS

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PRE-TEST: TRY PLICKERS!

- Interactive tool for instant polling
- Free, up to 60 participants
- No student logins or devices required
- Engages every participant — in seconds!
- Perfect for quick pre/post checks

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Abigail 20	Elijah 11	Lucas 9
Addison 46	Ella 24	Madeline 58
Aiden 25	Emily 22	Mason 1
Alexis 56	Ethan 3	Matthew 17
Amelia 14	Evelyn 18	Mia 10
Andrew 55	Gabriel 45	Natalie 36
Anthony 43	Grace 26	Nathan 49
Aria 38	Hannah 32	Noah 7
Ava 4	Harper 12	Nora 44
Benjamin 13	Henry 19	Olivia 2
Brooklyn 48	Isabella 8	Owen 33
Caleb 35	Isaiah 41	Ryan 53
Cameron 59	Jackson 21	Samuel 27
Charlotte 16	Jasmine 60	Scarlett 40
Chloe 28	Joseph 31	Sebastian 23
Christopher 47	Julian 39	Sophia 6
Claire 50	Kennedy 52	Thomas 57
Daniel 15	Leah 42	Victoria 54
David 29	Liam 5	Wyatt 37
Dylan 51	Lily 30	Zoey 34

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WHAT IS DATA?

Data is *information* that helps school counselors *understand* students' needs and measure how well counseling programs are working

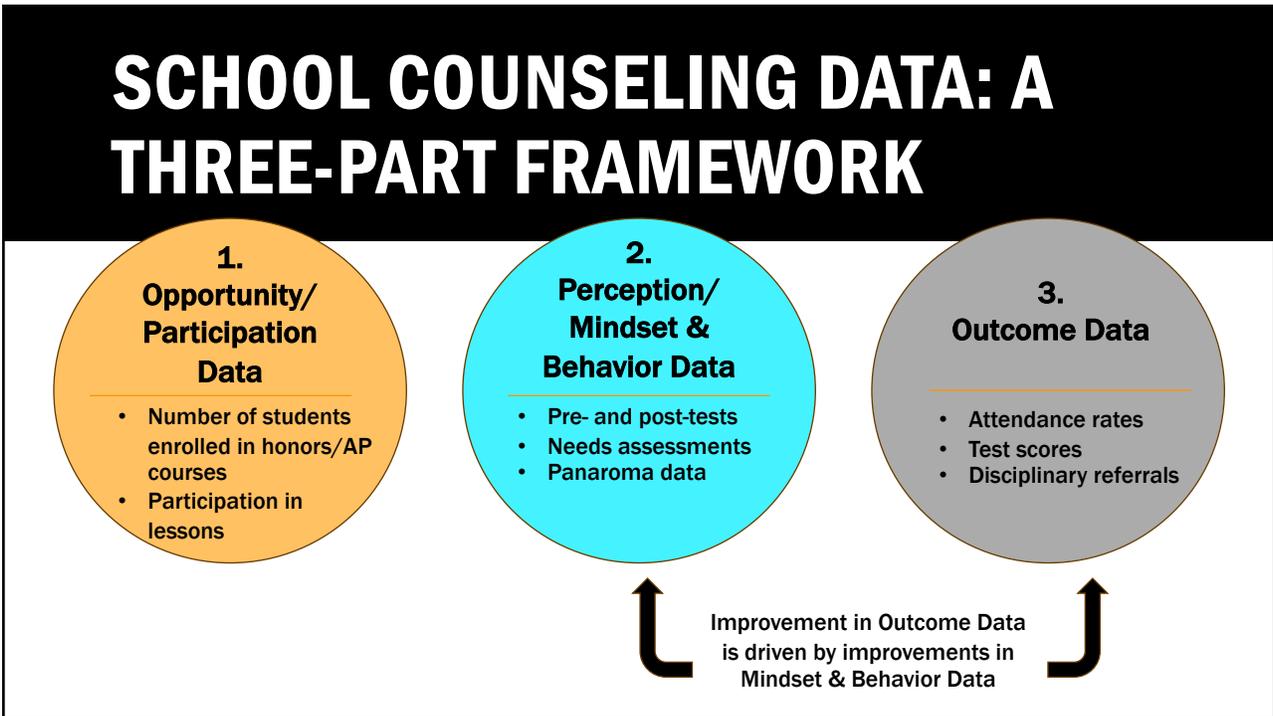o AKA: How are students different because of the school counseling program?
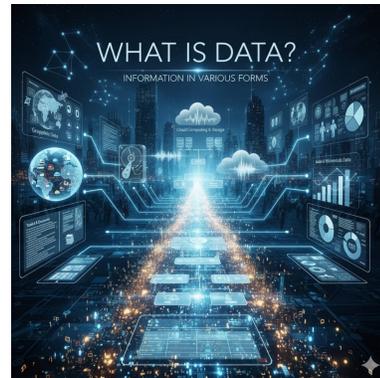
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FOCUSING ON WINNING

Team record: 0–23

Shift in focus → from winning to what leads to winning

Small, measurable goals = big impact
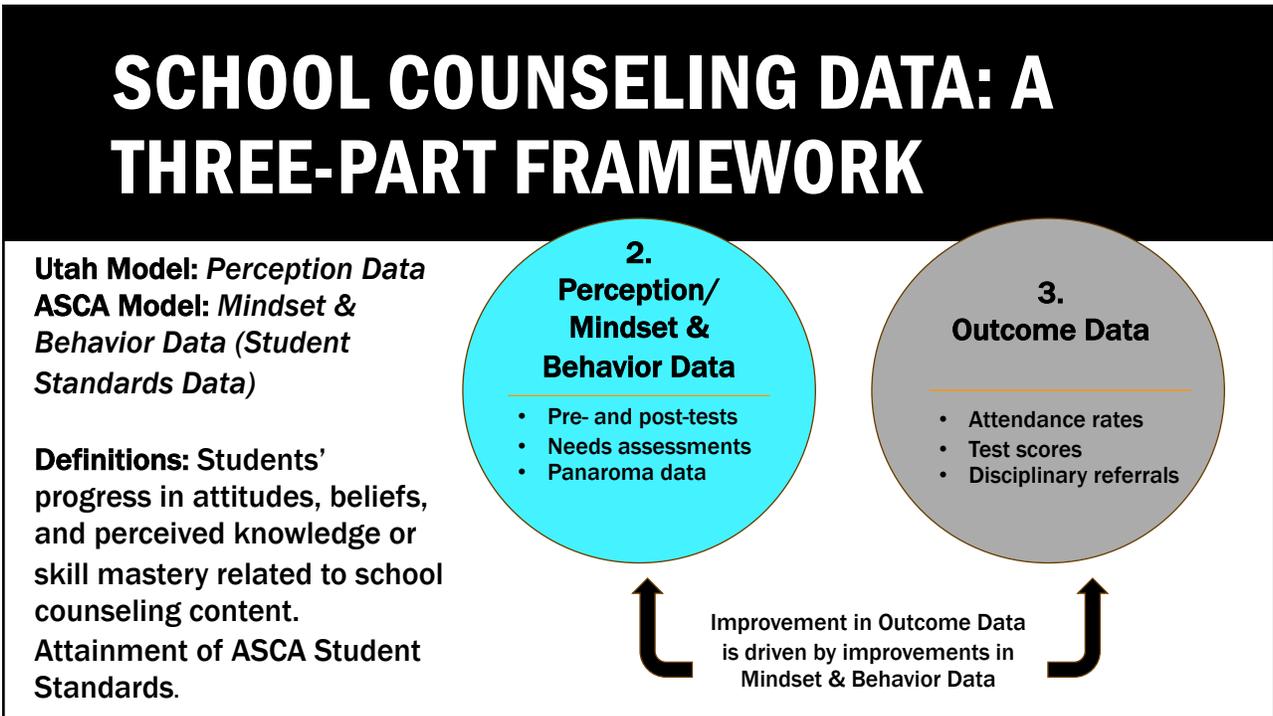
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SCHOOL COUNSELING DATA: A THREE-PART FRAMEWORK

1. Opportunity/ Participation Data

- Number of students enrolled in honors/AP courses
- Participation in lessons

2. Perception/ Mindset & Behavior Data

- Pre- and post-tests
- Needs assessments
- Panaroma data

3. Outcome Data

- Attendance rates
- Test scores
- Disciplinary referrals

Improvement in Outcome Data is driven by improvements in Mindset & Behavior Data

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SCHOOL COUNSELING DATA: A THREE-PART FRAMEWORK

1. Opportunity/ Participation Data

Utah Model: Opportunity Data | ASCA Model: Participation Data
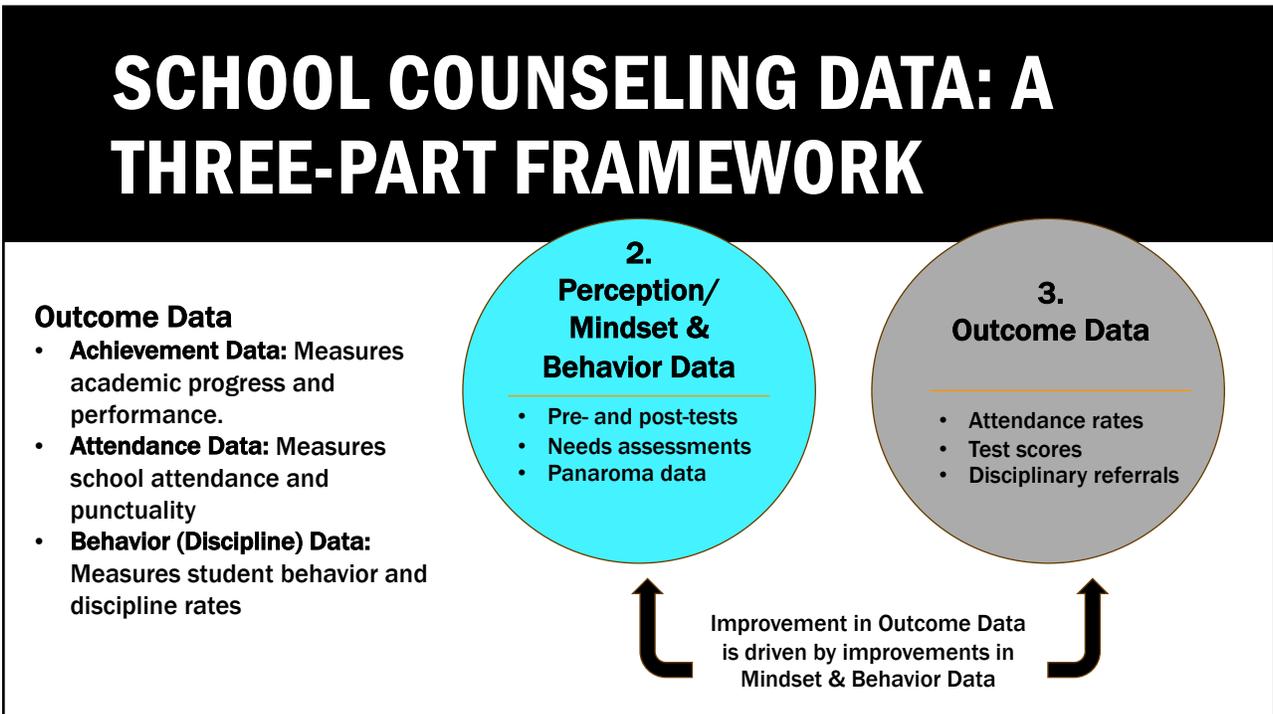
Definition: Examines which students are — and are not — participating in educational programs that prepare all students for school and lifelong success.

Examples: Number of students enrolled in honors/AP courses (by subgroup), attendance at college/career readiness lessons, participation in classroom lessons or small groups

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SCHOOL COUNSELING DATA: A THREE-PART FRAMEWORK

Utah Model: *Perception Data*
ASCA Model: *Mindset & Behavior Data (Student Standards Data)*

Definitions: Students' progress in attitudes, beliefs, and perceived knowledge or skill mastery related to school counseling content. Attainment of ASCA Student Standards.

2. Perception/ Mindset & Behavior Data
- Pre- and post-tests
- Needs assessments
- Panaroma data

3. Outcome Data
- Attendance rates
- Test scores
- Disciplinary referrals

Improvement in Outcome Data is driven by improvements in Mindset & Behavior Data

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SCHOOL COUNSELING DATA: A THREE-PART FRAMEWORK

Outcome Data
- **Achievement Data:** Measures academic progress and performance.
- **Attendance Data:** Measures school attendance and punctuality
- **Behavior (Discipline) Data:** Measures student behavior and discipline rates

2. Perception/ Mindset & Behavior Data
- Pre- and post-tests
- Needs assessments
- Panaroma data

3. Outcome Data
- Attendance rates
- Test scores
- Disciplinary referrals

Improvement in Outcome Data is driven by improvements in Mindset & Behavior Data
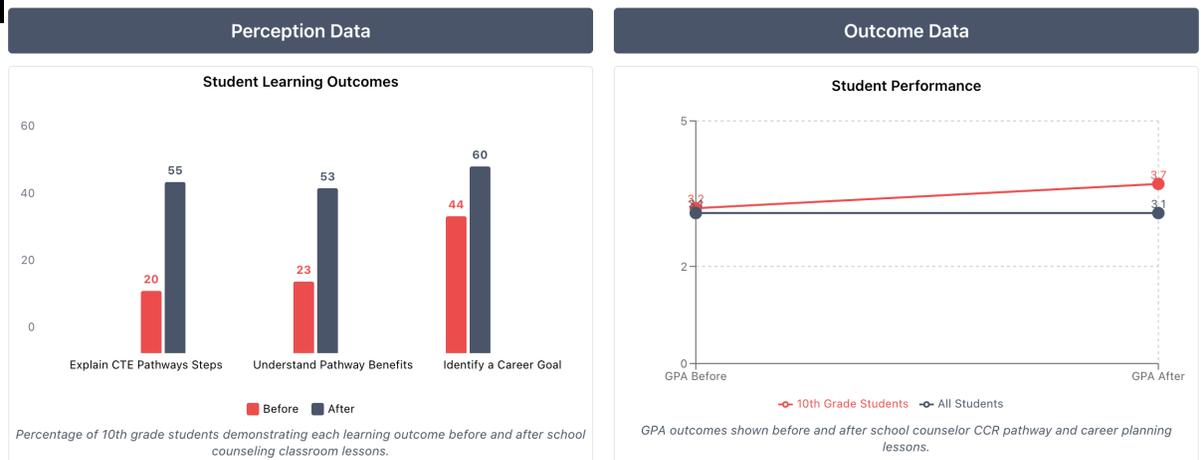
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HOW MINDSETS & BEHAVIORS IMPACT STUDENT OUTCOMES

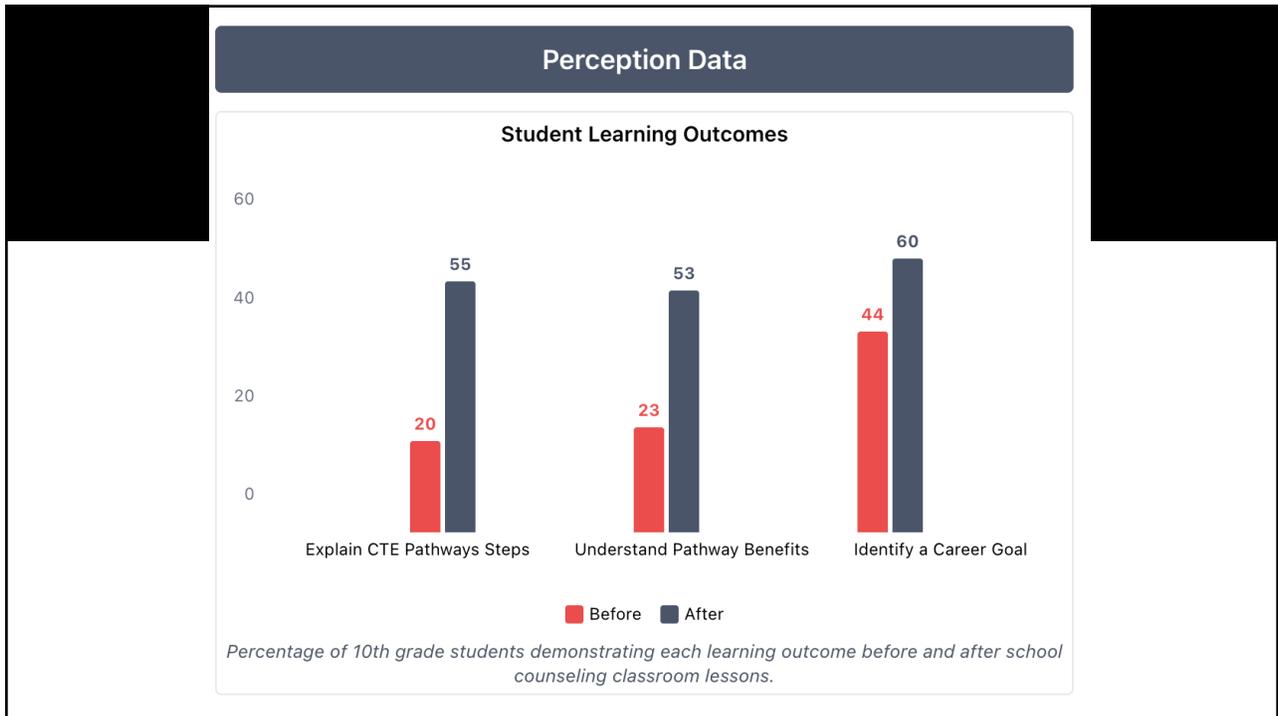Mindset and behavior data explain *why* outcomes change — not just *what* changes.

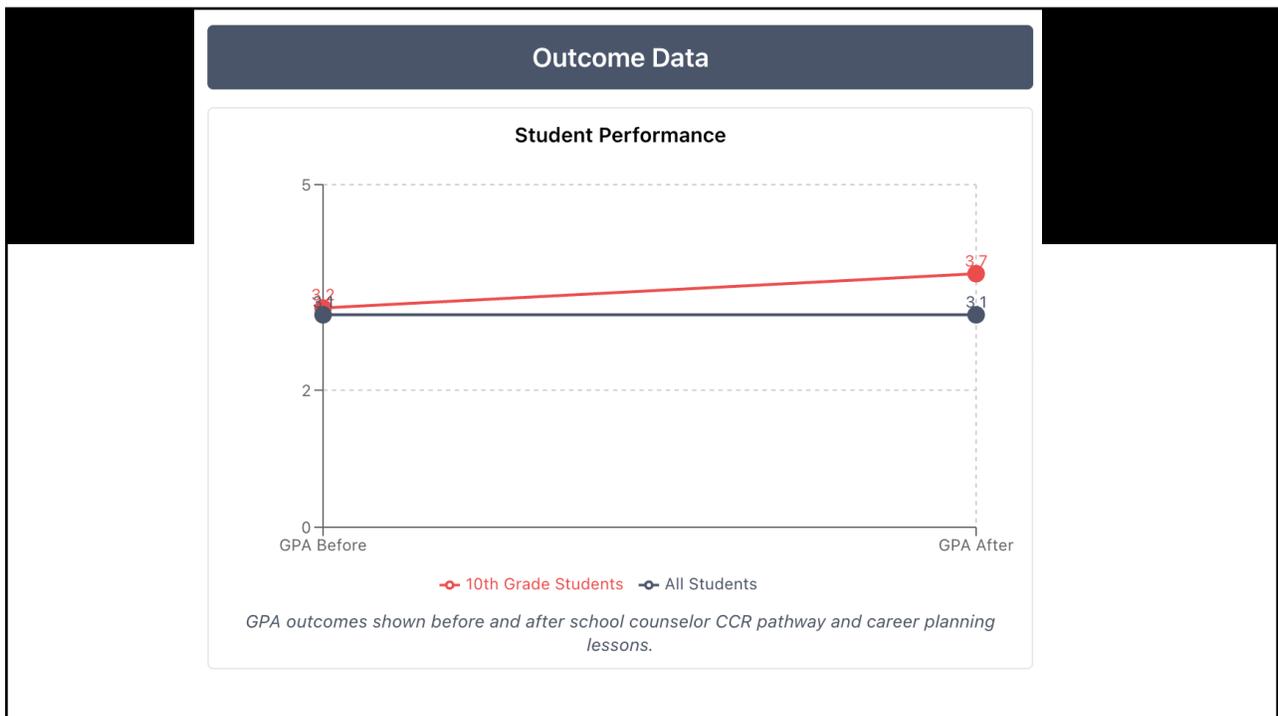| Perception/Mindset & Behavior Data	Outcomes - Results
B-SS 2. Positive, respectful and supportive relationships with students who are similar to and different from them	Higher Attendance Rates
B-SMS 1. Responsibility for self and actions	Fewer Discipline Referrals
B-LS-7: Long- and short-term academic, career and social/emotional goals	Improved GPA & Course Completion

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USBE DATA PROJECT

Perception Data

Student Learning Outcomes

Percentage of 10th grade students demonstrating each learning outcome before and after school counseling classroom lessons.

Outcome Data

Student Performance

GPA outcomes shown before and after school counselor CCR pathway and career planning lessons.

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Percentage of 10th grade students demonstrating each learning outcome before and after school counseling classroom lessons.

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GPA outcomes shown before and after school counselor CCR pathway and career planning lessons.

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USBE DATA PROJECT

Perception Data

Student Learning Outcomes

60

55

53

60

44

40

23

20

20

0

Explain CTE Pathways Steps   Understand Pathway Benefits   Identify a Career Goal

■ Before ■ After

Percentage of 10th grade students demonstrating each learning outcome before and after school counseling classroom lessons.

Outcome Data

Student Performance

5

3.7

3.2

3.1

2

0

GPA Before   GPA After

—○— 10th Grade Students   —○— All Students

GPA outcomes shown before and after school counselor CCR pathway and career planning lessons.

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DISCLAIMER:

WE ARE NOT LAWYERS
This is not legal advice

We are not lawyers, and the information provided here is for general informational purposes only. For specific legal advice or guidance on the laws we will be discussing you should consult with a qualified legal professional.

Additionally, it is important to review and follow the specific policies and procedures of your district or Local Education Agency (LEA), as they may have their own requirements or interpretations of these laws.

Always ensure compliance with local regulations when handling student privacy matters.

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# FERPA: FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT
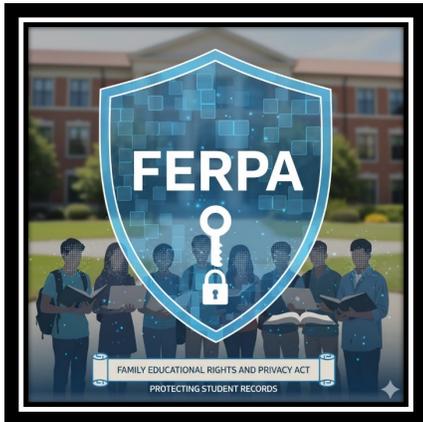
FERPA:

o Protects student educational records

o Rights to access records

o Schools cannot release records without parental consent

  ▪Except directory information, unless parents opt out

o Parents have a right to amend they believe to be misleading/inaccurate

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PPRA: PROTECTION OF PUPIL RIGHTS AMENDMENT

PPRA:

o Protects against the collection of sensitive material

  ▪Surveys, assessments, evaluations

o Exception if student is at risk of harming self or others

o 8 topics: political affiliation/philosophies, mental/psychological concerns, sexual behavior/orientation/attitudes, illegal/anti-social behaviors, critical appraisals of family/close relationships, religious affiliations/beliefs, legally recognized protected relationships, income
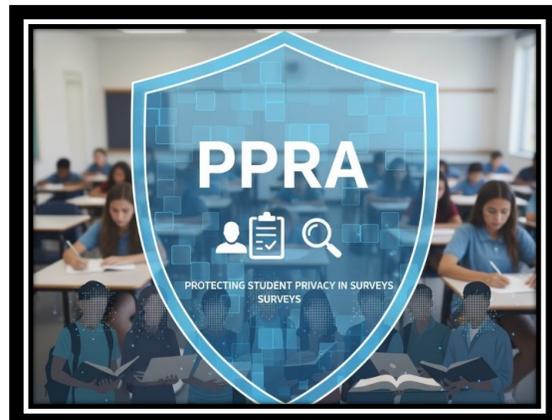
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HB 182 OF THE 2024 LEGISLATIVE SESSIONS

What does HB 182 Say:

- Parental consent at time of registration for:
  - SEL, School Climate/Culture, Early Warning Systems
- Not just school counseling surveys
- Must provide detailed information about surveys' content, purpose, and who will have access to results

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SURVEY VS. PRE/POST ASSESSMENT

SURVEY	PRE/POST ASSESSMENT
• Gathers opinions, feelings, feedback • Example: "How are you feeling today and why?" • Used to understand attitudes, experiences, preferences • Subjective	• Evaluate skills, knowledge or progress • Example: "What are 3 ways to manage emotions?" • Used to evaluate specific abilities, behaviors, outcomes • Objective or measurable

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DATA COLLECTION TIPS

- o Make it simple
- o Don't need tons of questions
- o Measure growth using a rubric
- o Do you need to collect PII data?
- o We can deliver to everyone, but don't need to analyze for the whole population
- o Can't measure everything

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WAYS TO COLLECT PERCEPTION/MINDSET & BEHAVIOR DATA

Rubric-Based Data (Small Group)
- Measures *skill growth* over time
- Example: Self-management or coping skills rubric

Pre/Post Assessments (Classroom)
- Measures *change in knowledge, attitudes, or beliefs*
- Example: Coping skills pre/post assessment → "Describe the steps of deep breathing."

Existing Data Sources (Schoolwide)
- Leverages *data already being collected*
- Examples:
    Panorama: "I can manage my emotions effectively"
    UTSC Surveys: "I feel connected to my school"

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POST TEST: PLICKERS!

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DATA ANALYSIS

1. Identify overall patterns

"Create a bar chart that compares pre-post with post-test averages for each question and add labels."

"Create a summary chart showing overall class average growth and include the percent change."

2. Analyze student-level change

"Sort by individual students to identify who made the most and least growth.. Categorize students into three groups: Significant improvement, Minimal change, Decrease or no data"

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3/9/26

CHOOSING THE RIGHT AI TOOL

Tool	Best Use
ChatGPT - OpenAI (all around honor student)	Data analysis, reports, coding
Claude - Anthropic (deep thinker, bookworm)	Deep reasoning, summarizing documents
Gemini – Google (visual/creative student)	Multimodal analysis (images, charts, docs)
Copilot – Microsoft (group project leader)	Working inside Microsoft tools (Excel, Word)
NotebookLM – Google (research assistant)	Analyzing your own documents and reports
LLaMA – Meta (computer science student)	Building private/custom AI systems

USING OUTCOME DATA FOR ADVOCACY

School counselors use outcome data to demonstrate how their work improves student success. Outcome data show the impact of counseling programs on students' ability to:

- Improve academic achievement

- Increase attendance

- Reduce discipline issues

"Outcome data provide school counselors with the leverage to demonstrate the impact of their activities on students' ability to utilize their noncognitive abilities to improve their achievement, attendance, and discipline." (ASCA, 2019, p. 37)
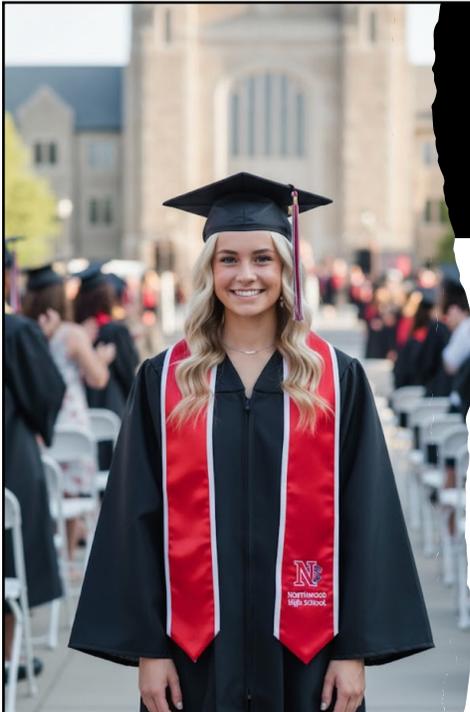
CHOOSE ONE LEAF, NOT THE ENTIRE FOREST

Manage the amount of data collected by focusing on an identified group and translating what you want to achieve into a measurable goal.

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FINAL THOUGHTS

We don't improve outcomes by tracking outcomes.

We improve outcomes by strengthening the *processes* that lead to them.

The purpose of data isn't just to prove what we're doing.

It's to help us do it *better* - so more students graduate ready for college, career, and life.

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