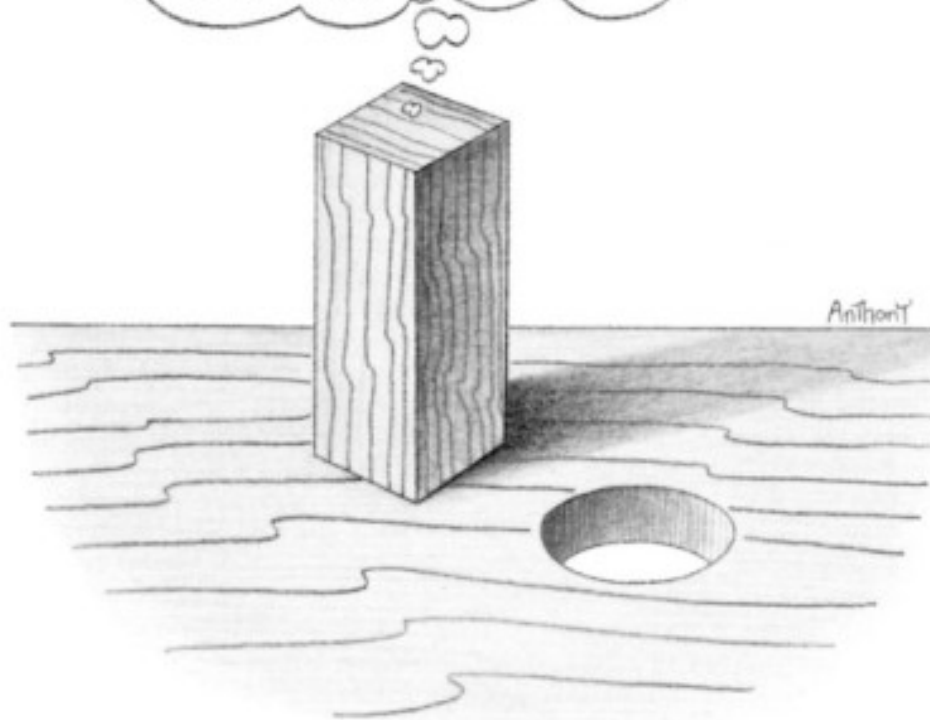




Mindprint: Personalized Learning in Practice

WITH A PROPER DIET, MODERATE
BUT CONSISTENT EXERCISE, AND
THE DEVELOPMENT OF A HEALTHY
MIND-SET, I SHOULD BE ABLE TO
FIT IN FINE.



Student Variability

WHAT?

Achievement

Subject Knowledge
Standardized Tests
21st Century Skills

HOW?

Cognitive

Reasoning
Memory
Efficiency
Executive
Functions

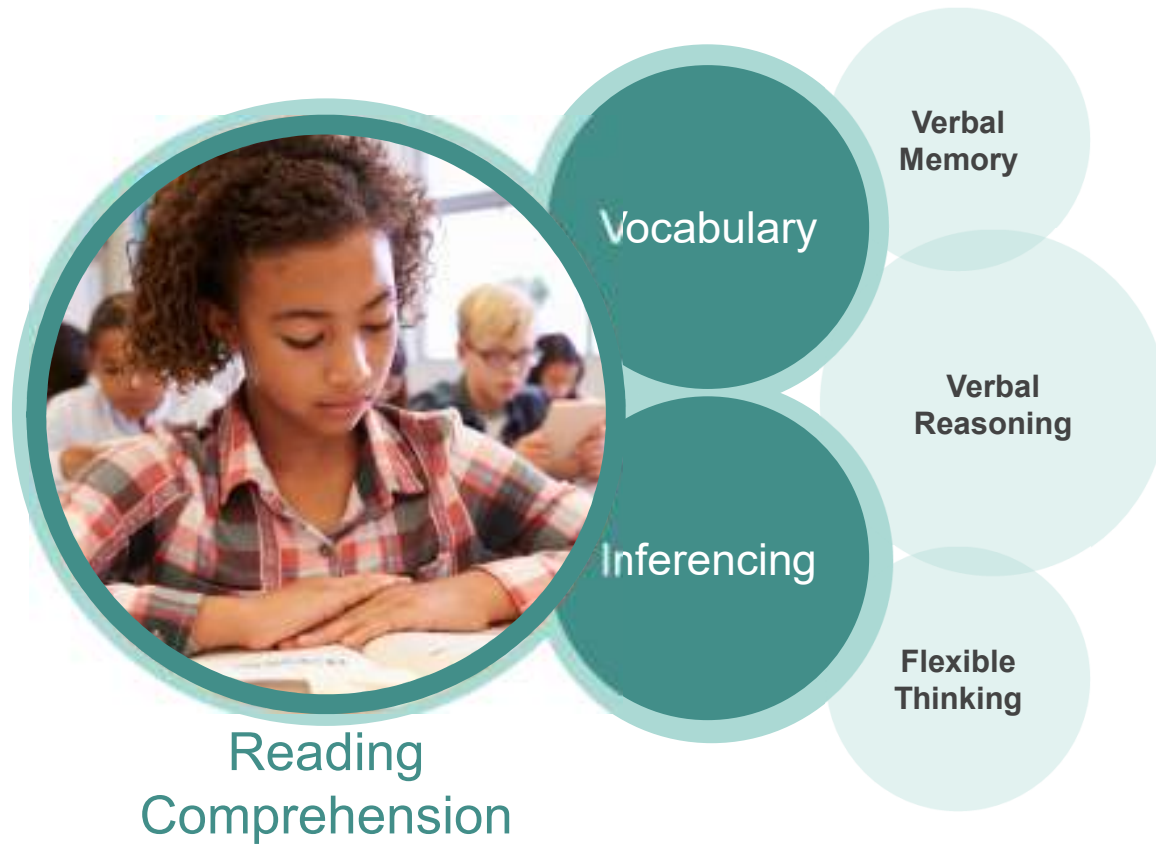


Behavior/SEL

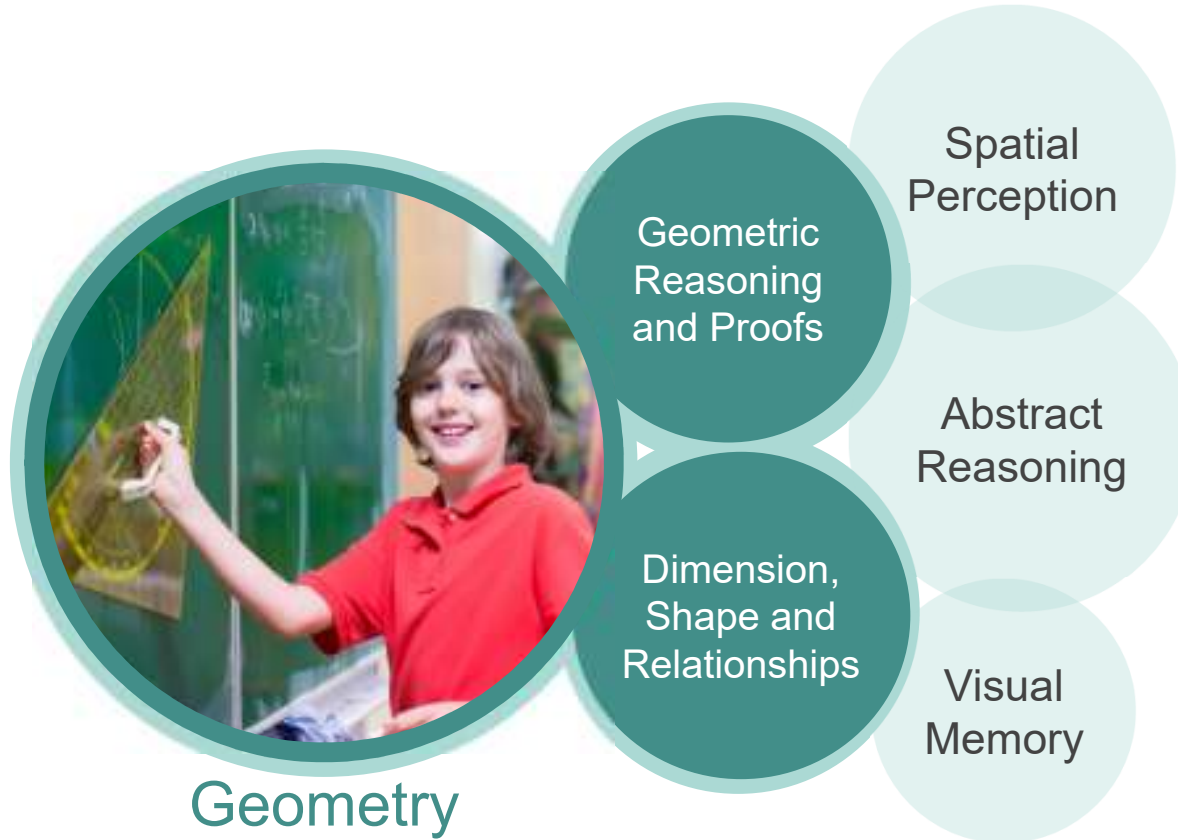
Self-Awareness
Self-Management
Social Awareness
Decision Making

WHY?

What Is Reading Comprehension?



What Does it Take to Succeed at Geometry?



What Is Social and Emotional Competence?



DOMAINS	REASONING	SPEED	MEMORY	EXECUTIVE FUNCTIONS
SKILLS (DIMENSIONS)	<p>Verbal <i>Understanding and/or drawing inferences based on what you read or hear</i></p> <p>Abstract <i>Understanding and/or drawing inferences from objects, images, numbers or concepts (without language-based explanation)</i></p> <p>Spatial <i>Understanding visual and 3-D materials</i></p>	<p>Processing <i>Rate of seeing, processing and understanding</i></p> <p>Visual Motor <i>Efficiency in integrating visual and motor skills to complete a task. Often referred to as reaction time or response time</i></p>	<p>Verbal <i>Storing and recalling what you read or hear</i></p> <p>Visual <i>Storing and recalling concepts, numbers, objects, or other non-language information</i></p>	<p>Attention <i>Initiating work and then maintaining sustained focus and behavior</i></p> <p>Working Memory <i>Holding onto distinct bits of information in short-term memory and applying it during multi-step tasks</i></p> <p>Flexibility <i>Adjusting and changing your approach to solve problems</i></p>
INDICATORS & EXAMPLES	<p>Verbal</p> <ul style="list-style-type: none"> ○ Reading Comprehension ○ Written Content ○ Math word problems <p>Abstract</p> <ul style="list-style-type: none"> ○ Math Reasoning (Numeracy, Pattern recognition, Algebra, Calculus) ○ Scientific Reasoning ○ Non-Fiction Reading <p>Spatial</p> <ul style="list-style-type: none"> ○ Reading fluency (Visual tracking) ○ Multi-step math problems ○ Geometry/Graphs/Charts ○ Physics ○ Art/Design 	<p>Processing</p> <ul style="list-style-type: none"> ○ Reading fluency ○ Math fact fluency ○ Class participation (Efficiently listening and responding) ○ Efficiency on written work, tests <p>Visual Motor</p> <ul style="list-style-type: none"> ○ Handwriting, Typing ○ Note taking ○ Hands-on projects (Science experiments, sports) 	<p>Verbal</p> <ul style="list-style-type: none"> ○ Vocabulary ○ Spelling/grammar ○ Reading comprehension (key details) ○ Retention of class discussion <p>Visual</p> <ul style="list-style-type: none"> ○ Math facts ○ Math & science formulas ○ Geometry ○ Retention of objects, images, charts, numbers or concepts 	<p>Attention</p> <ul style="list-style-type: none"> ○ Class participation ○ Task completion (Getting started, staying focused) ○ Homework efficiency <p>Working Memory</p> <ul style="list-style-type: none"> ○ Mental math ○ Multi-step problems/following directions ○ Note taking <p>Flexibility</p> <ul style="list-style-type: none"> ○ Problem solving ○ Transferring concepts ○ Project-based work ○ Adapting to surprises or disappointments
PROCESS	Understanding & Applying	Efficiency	Remembering	Organizing & Adapting

Self-Reflection

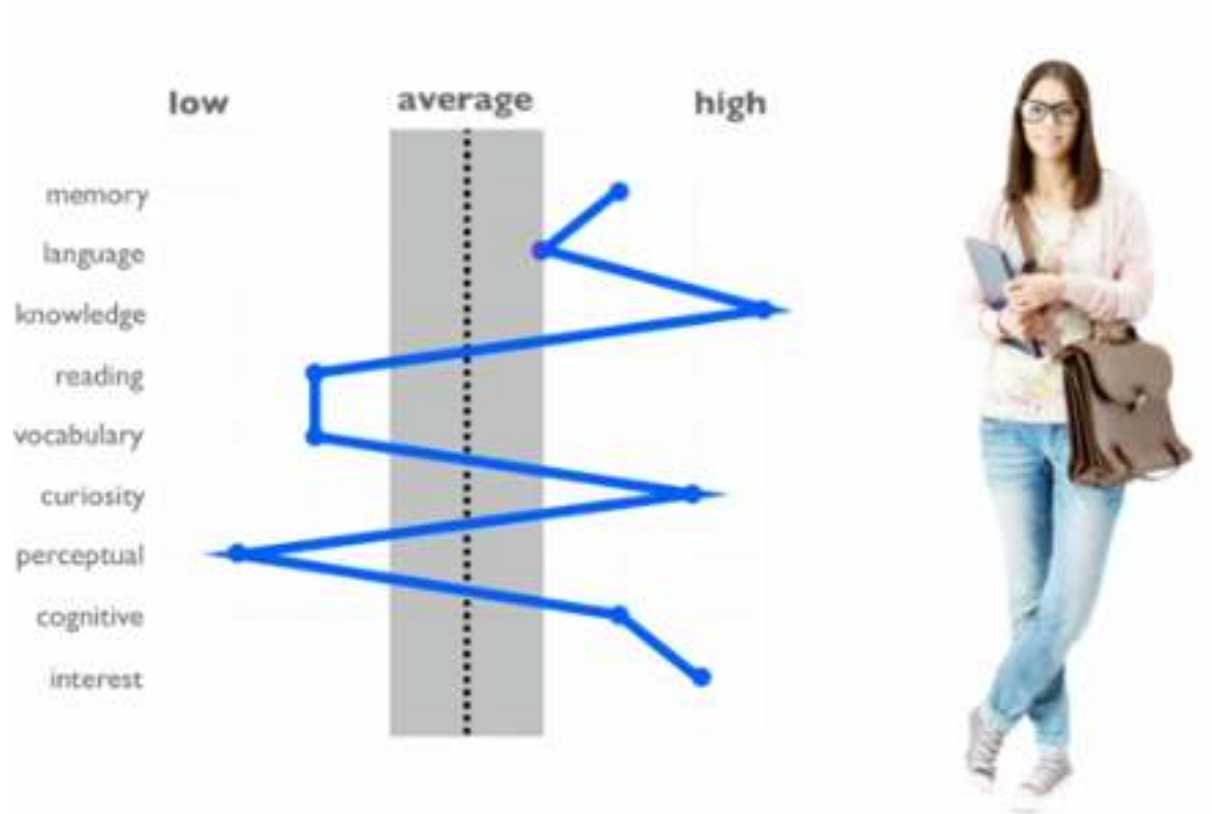
Strengths/High

- How did they help you succeed?
- Do you wish you could have used them MORE in school?
How?
- What would school have been like if you didn't have your strengths?

Skills to Support/Low

- How did they create challenges for you?
- How did you overcome those challenges?

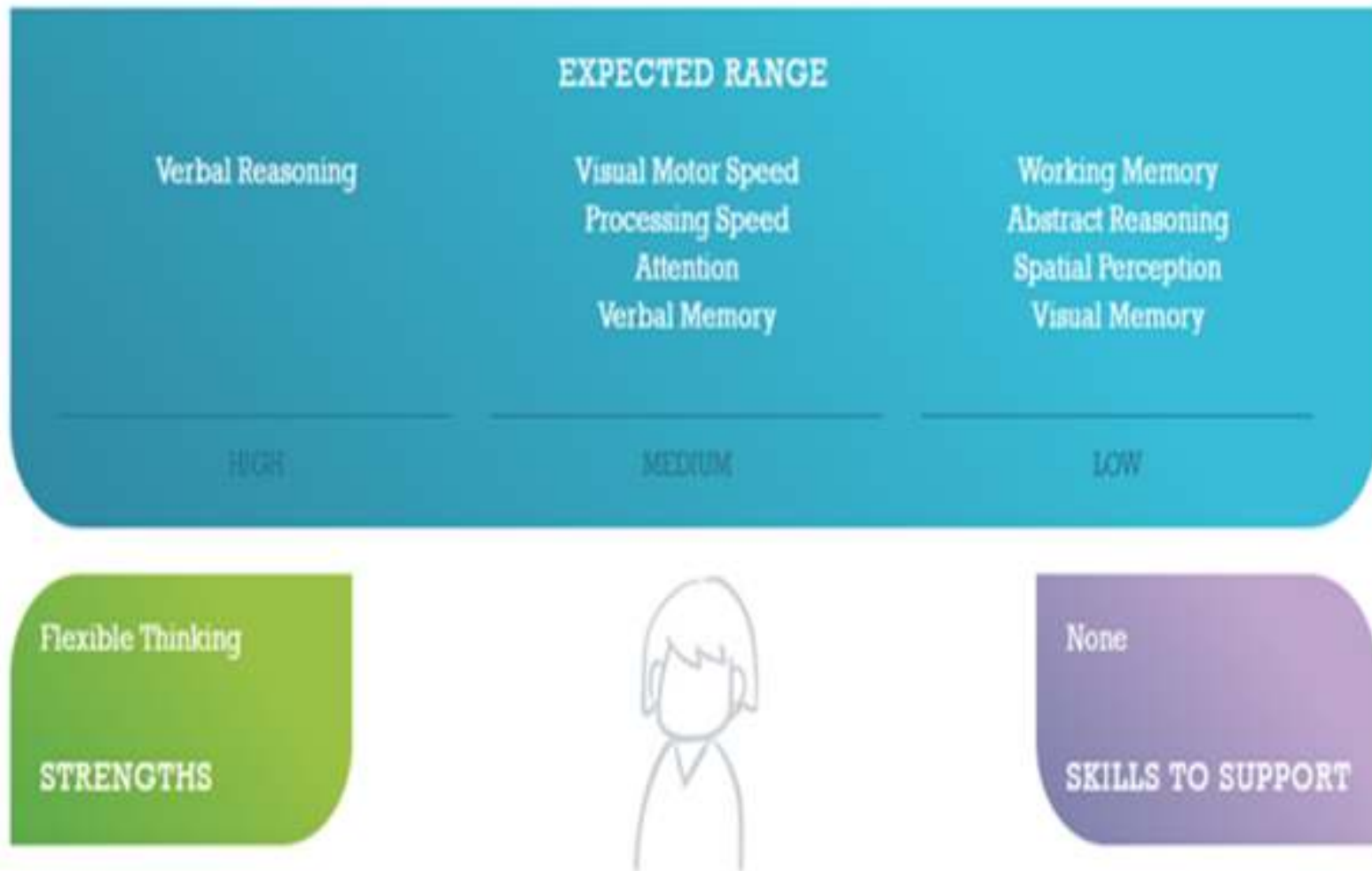
Jagged Profile: *The End of Average* by Todd Rose



Mindprint Cognitive Assessment

- Online 1-hour cognitive assessment
 - Ten test areas
- Developed at the University of Pennsylvania School of Medicine
 - Scientifically valid
 - Nationally normed
- Provides a GPS to evidence-based strategies to address learner variability
- For ages 8 to 21

Learner Profile: Visualizing Individual Variability



Implications

Strengths/High

- Are there students who might have strengths that you aren't seeing?
- Do students with certain types of strengths have more opportunities than other strengths?
- What could you do in your classroom to nurture different types of strengths?

Skills to Support/Low

- Are there students' whose skills are masking their strengths?
- How could you support students who struggle with specific skills if you knew them?

500+ Evidence-Based Strategies

Targeted to Individual Cognitive Strengths and Weaknesses

Pause before Answering
For: Students, Teachers Add to Plan

Tags: Mathematics Science Social-Emotional Learning/Growth Mindset All Ages Strategy

Skills: Anxiety Flexible Thinking Self-regulation Processing Speed

How To Apply It!

- If the problem is unfamiliar or seems to have a unique twist, that is the time to step back and evaluate first. Pause and give yourself time. If you are certain of a problem, continue to work at your typical pace.
- Stay calm. If you aren't certain, you are not alone. Just take a breath and try to relax.
- Hold your pencil to the side and force yourself to think for at least three seconds before writing anything.
- Use your good reasoning to systematically identify similarities and differences to familiar problems: How is this like other problems? What is different? What specific aspect of the problem makes me pause and why? What am I certain of? Where am I uncertain? Can I brainstorm multiple options for the uncertain parts?

Why It Works (the Science Of Learning)!

Research on [students solving unfamiliar problems](#), showed that most students make quick decisions on a problem solving approach and persist on that path, whether right or wrong. Taking time to simply pause, ask yourself some specific questions or use a picture, is shown to result in significantly better outcomes.

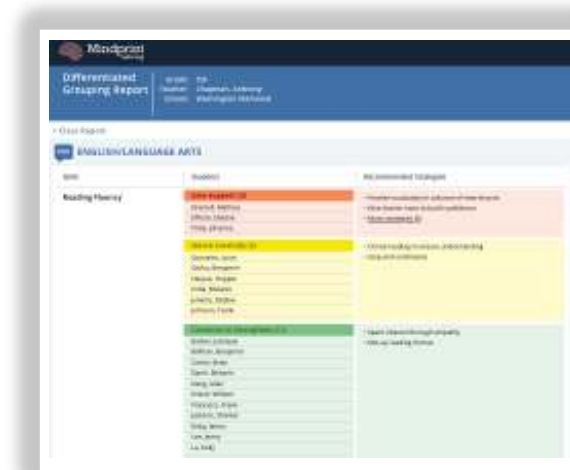
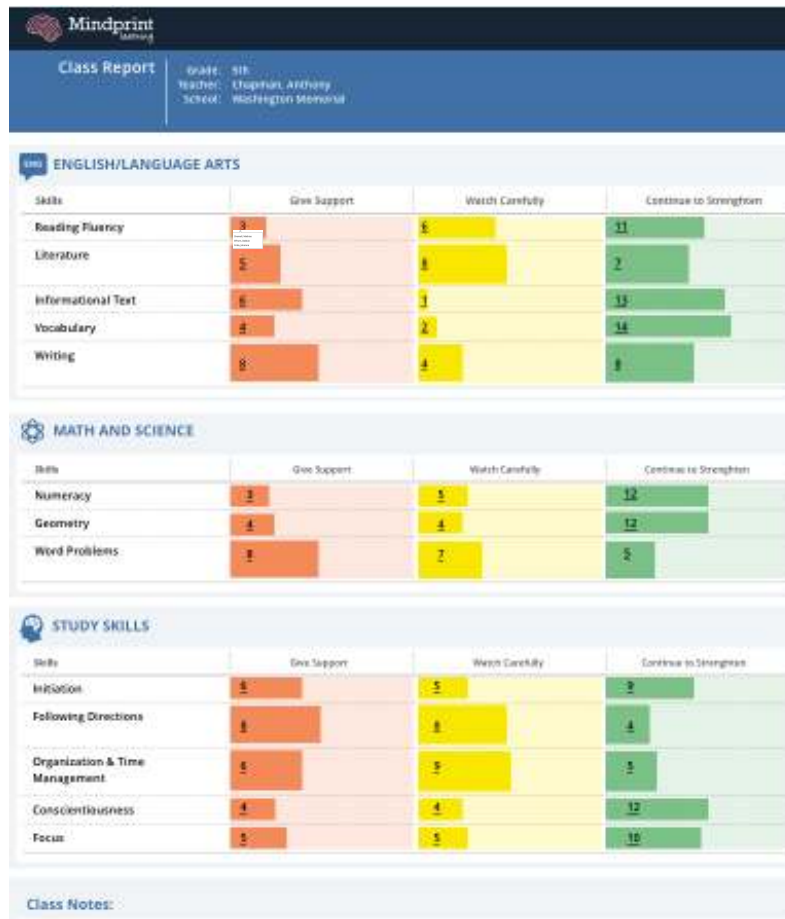
Add to Plan

es Strategy

Demonstration

Whole Class Instruction

Efficiently differentiate based on how students learn best



Personalized Instruction

Focused strategies for any student get everyone on the same page with supports based on cognitive strengths and weaknesses

The screenshot shows a dashboard titled "Amy's Personalized Learning Plan". It features three main columns: "Areas to Develop", "Mastered (Public) Skills", and "Strengths (Subject) Skills". The "Areas to Develop" column lists "Study Skills" and "Math". The "Mastered (Public) Skills" column lists "Strategies" and "Math to support". The "Strengths (Subject) Skills" column lists "Get Started, Practice & Submit". Below the dashboard is a section titled "STRATEGIES FOR IMPROVING & NURTURING LEARNING" with "Print" and "Email" buttons.

Add/change subjects and best fit strategies based on preferences

The screenshot shows two strategy pages. The top page is "Study Skills" and the bottom page is "Math". Both pages have a "Notes" section and a "Tags" section. The "Study Skills" page has tags for "Reading", "Writing", "Social Studies", "Science", "Math", "Study Skills & Tools", "All Ages", and "Reading". The "Math" page has tags for "Mathematics", "Science", "Social Studies Learning/Smart Math", "All Ages", "Reading", and "Reading/Writing". The "Study Skills" page also has a "Best Fit" section with buttons for "Assess", "Auditory Processing", "Public Thinking", "Visual Memory", and "Visual Reasoning". The "Math" page also has a "Best Fit" section with buttons for "Assess", "Auditory Processing", "Public Thinking", "Visual Memory", and "Visual Reasoning".

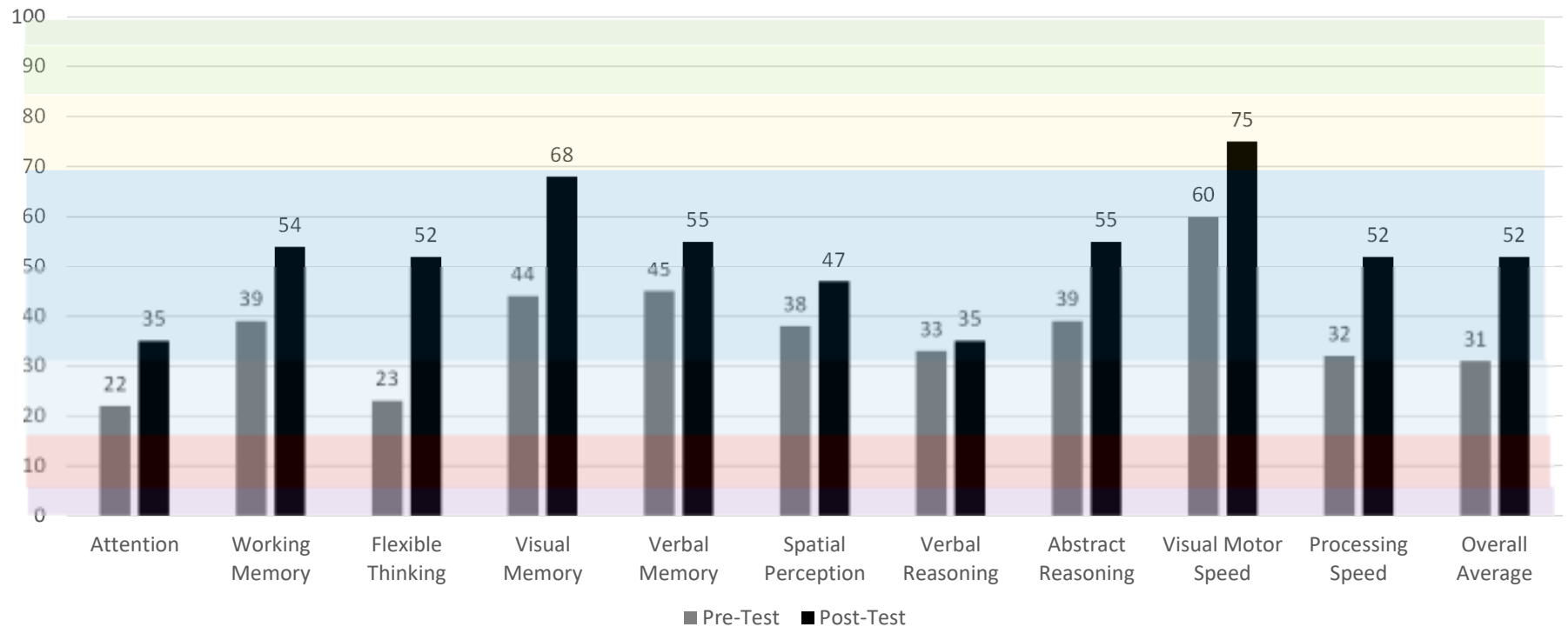
Grantsburg High School – Mindprint and Rtl

“MAP scores are missing the key piece. With Mindprint, you can find out what is going on and put the strategies and tools in place. I’m blown away by it.” -- Rebekah S., High School Rtl

“Yep, this is me on paper. I always knew I had some difficulties but I didn’t understand why.” -- High School Student

Pre-/Post-Test Results Using Mindprint

All Students
Average Sessions: 35
Average Levels: 110



Riverside Elementary



Like a Learning Launch Pad



BrainWare[®]
SAFARI

BrainWare[®]
Learning Company


Try Mindprint Yourself

<https://trial.mindprintlearning.com/register>

Use this code: 5c1431db923f0

You will need to provide an email address.

Questions?



Let's stay
connected

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