



Accessible, Reliable Cognitive Assessment for all Learners

A Three Step Approach to Improved Learning

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Step 1: Assessment

Objective, reliable understanding of each student's cognitive strengths and needs with the Penn Computerized Neurocognitive Battery (CNB)

One hour, online on any computer. Requires mouse and keyboard

Voiced-over instructions for easy and efficient administration in both home and school settings

Administration in familiar environment particularly conducive for students with ASD or anxiety disorders

Measures 10 cognitive skills in domains of speed, executive functions, complex reasoning, and memory

Ability to measure speed and accuracy across all domains provides data not currently available on many current standard measurement tools

Ongoing sponsored research agreement with Drs. Ruben & Raquel Gur for additional constructs and domains

Mindprint has exclusive rights to use in education market

Step 2: Unique Learning Profile

Providing students with objective insight into their learning strengths and needs enables them to significantly enhance metacognition which should lead to improved outcomes. Presented to learners in appropriate context can help develop a growth mindset with a clear understanding that no one excels on all skills, but knowing how to leverage one's strengths and mitigate weaknesses can lead to success for all learners.



Step 3: Actionable Results

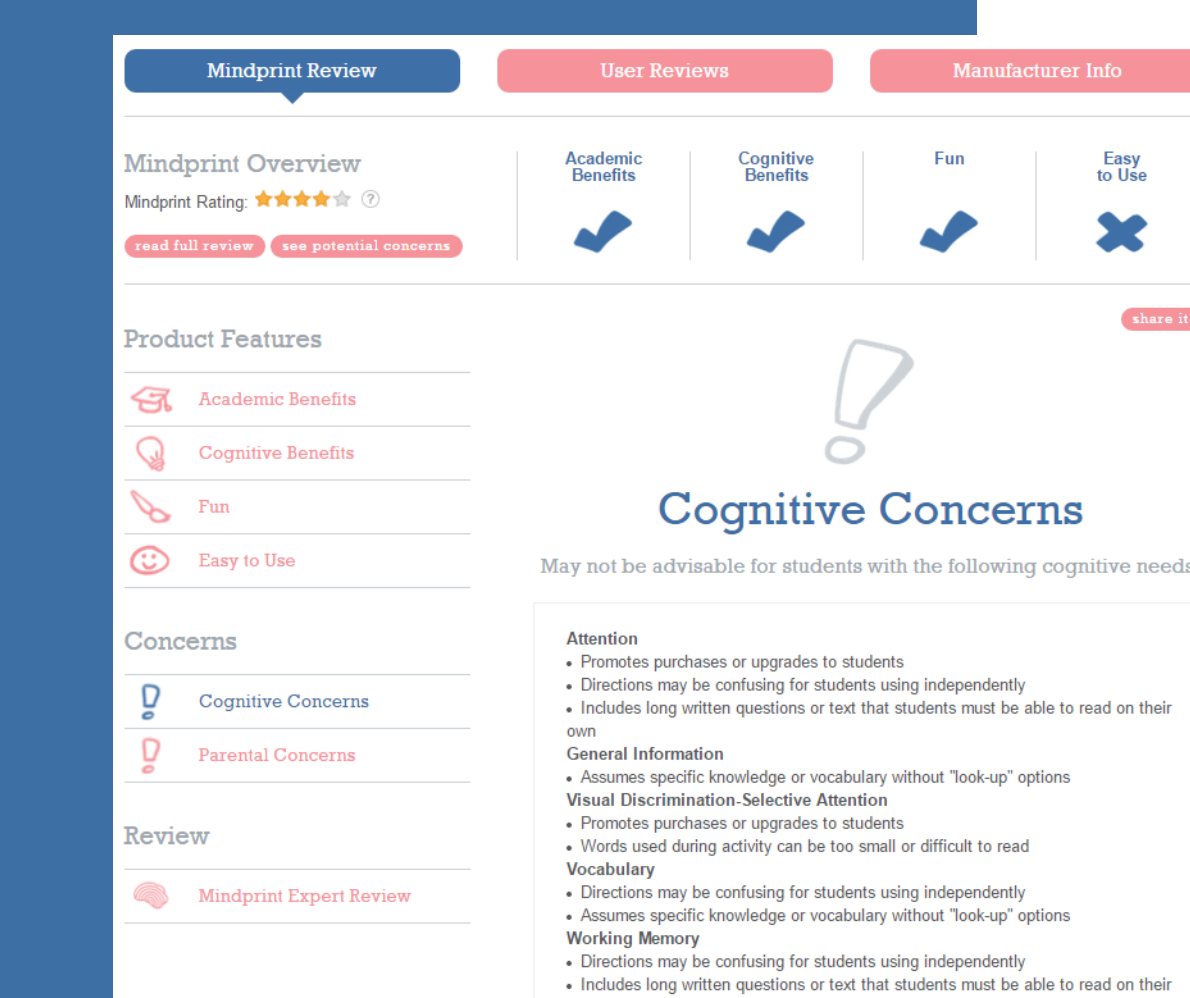
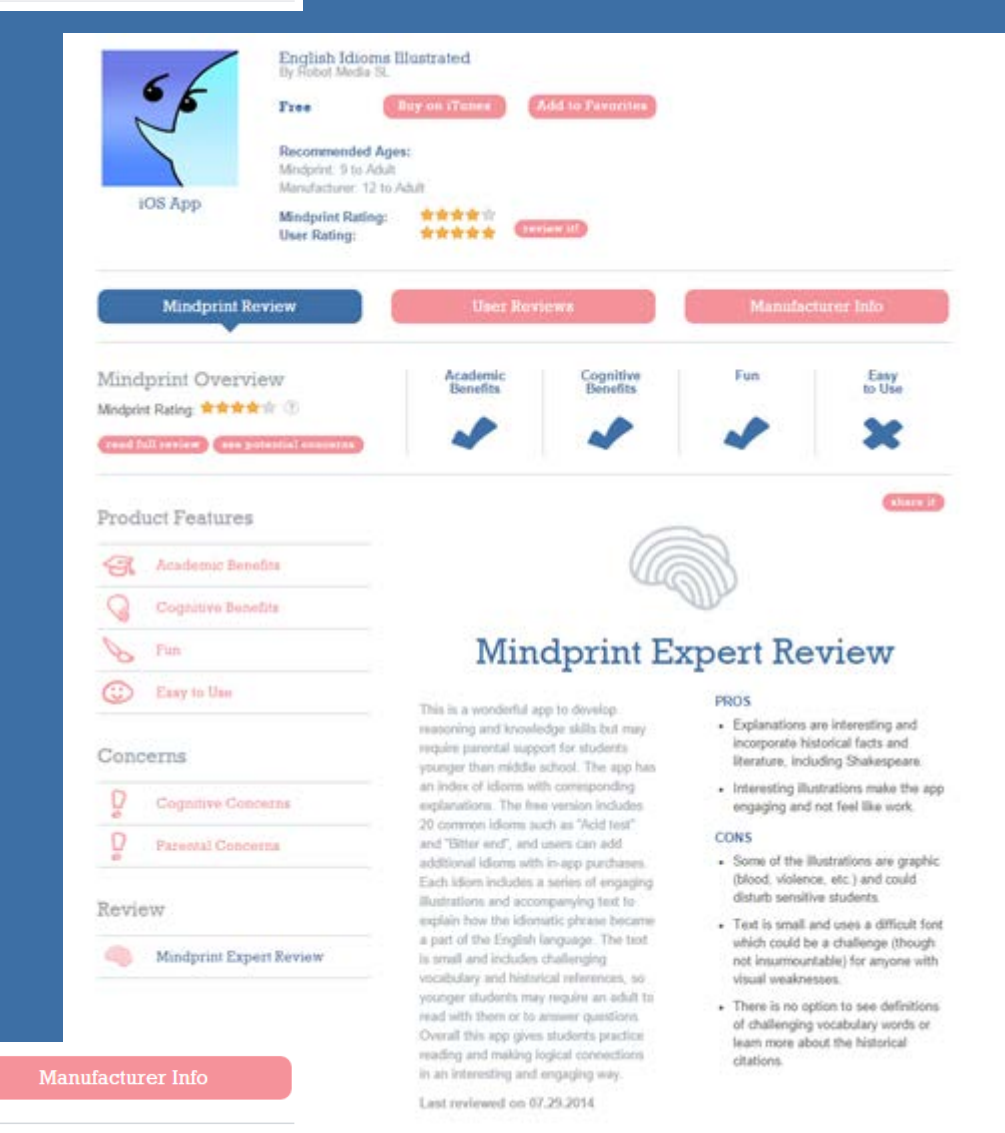
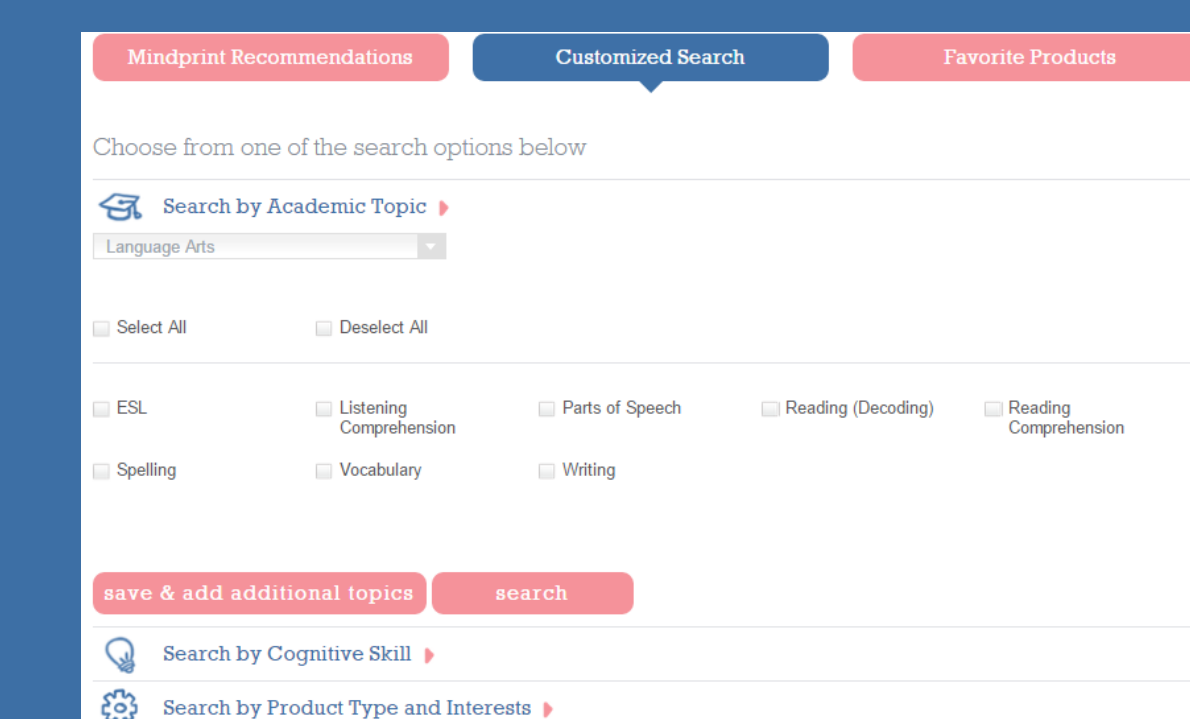
Research-inspired next steps to enable students to practice cognitive skills or find academic products best-suited to learner's unique profile

300+ research-based learning strategies written by Mindprint psychologists and learning specialists. Includes classroom supports, study strategies, games and activities

1,200+ third party products evaluated using proprietary rubric based on Universal Design for Learning standards. Products include apps, educational toys, games, workbooks and websites

All reviews easily searchable by academic, cognitive and social-emotional skill as well as student's personal interests to leverage the known positive effects of personal choice and passion in learning

All reviews include potential cognitive concerns to enable students to avoid "undesirable difficulties" or cognitive load on weaker skills when learning new material



Validation

Developed in the Brain Behavior Lab at the University of Pennsylvania Perelman School of Medicine

Normed and validated in 10,000+ children recruited through a National Institute of Mental Health Grand Opportunity Study and Children's Hospital of Philadelphia (ages 8-21)

Results published in *Journal of American Psychological Association* (2014), *JAMA Psychiatry* (2014), *Cerebral Cortex* (2014)



10 page report includes summary of learning strengths and weaknesses, understandable descriptions of each skill and method of assessment, student's performance on the skill, and implications for learning

Custom summary written by clinical team highlighting key takeaways with clear recommendations for appropriate follow-up

Option to share profile without numeric scores to student

Learning profile directs focus not on a numeric score. Rather on how the student learns best and why the student may struggle