

# Hardy Brain Breakthrough...create a brighter future



## Hardy Brain Breakthrough Training Improves:

- ✓ focus and attention
- ✓ thinking speed
- ✓ decision-making speed
- ✓ language processing and communication skills
- ✓ coordination, gross-motor skills and fine-motor skills
- ✓ control of impulsivity and aggression
- ✓ academic skills – usually a year or more in reading and math in 4 to 6 weeks

## Research Results

### ADHD Study:

A double blind placebo controlled study of boys diagnosed with ADD/ADHD published in the American Journal of Occupational Therapy found significant patterns of improvement in attention, coordination, control of impulsivity/aggression, reading and language processing.

### Motor- Control Study:

A comparison of metronome millisecond-timing trained special education students to a control group found improved motor control and motor coordination as measured by Bruininks-Oseretsky and Sensory Integration and Praxis Test (SIPT).

### Mental Processing Speed Study:

An analysis of data from over 350 prep school, college athletes and professional athletes who completed the millisecond timing training showed more than a 40% improvement in mental processing speed.

### Academic Performance Study:

A study published by HighScope foundation ( a prestigious non-profit educational research institution since 1970) of 585 children in public school found significant correlations between millisecond timing and academic performance in reading, math, language, science, social studies and study skills.

### Academic Fluency Study:

More than 700 students who finished the millisecond training were tested on the nationally standardized Woodcock-Johnson III averaging:  
--over 1.5 year gain in math fluency  
--over 2 year gain in reading fluency  
--over 2.5 year gain in mental processing speed

### Title 1 Academic Study:

A controlled study of 80 fourth and fifth grade students in Title 1 showed improvements in reading and math fluency compared to a control group that showed no improvement.  
Average gain of 1.3 grades in math fluency  
Average gain of 1.7 grades in reading fluency

### High School Academic Study

Florida's largest public high school conducted a study of 360 ninth and tenth grade students to examine the correlation between improvements in students' millisecond timing and academic achievement. Post-tests showed the group that trained to improve millisecond timing improved significantly in broad reading, broad math, math calculation skills, math fluency and attention.

### Academic Correlation Study:

A correlation analysis including kindergarten and elementary students, ADHD boys, special education students and high school dropouts validates significant relationships between millisecond brain timing and reading, math, oral/written language, writing, attention and coordination.