

# Accelerating Young Minds

## *Realizing and Developing The Giftedness in Each Student*



Recognizing the signs of giftedness/aptitude in a young student's development requires one to one focus and evaluation. The AYM program provides this assessment by determining the unique potential of each child. Additionally, the children themselves need to begin to accept their own potential, discover their learning gains, feel self-confidence, and realize their own value. This kind of development supports lifelong learning and is continued with the AYM broad based learning program that enriches a student's ability to succeed and excel.

AYM collects student performance data over time and will recognize the propensity of each student who is showing levels of understanding in multiple areas that exceed expectations of the program in comparison with other students of similar age and grade.

Enriching content within the AYM learning activities offers an education in a more extensive scope; it reflects more topics and subjects in greater complexity and at higher cognitive levels. AYM involves many learning activities that modify, supplement, and extend achievement beyond the expectations set forth in most early education curriculum. While all inclusive; AYM pays particular attention to creative and critical thinking, which are essential for each student to have as that student becomes an adult in the year 2030 and is ready to start a career. The quantifiable goals for AYM are:

- Making associations and conceptualizing interrelationships
- Developing the ability for students to think their way through issues when opportunities in life are presented
- Inspiring creative ideas that will stimulate individual development
- Evaluating facts and points of view critically
- Creating new ideas and avenues of thought including abstract thinking
- Identifying as well as analyzing complex problem
- Determining an array of solutions to problems
- Understanding the motivation of themselves and others



# The Accelerating Young Minds Platform For Personalized Learning (Human Touch)



## Competency Based Progression

Elementary Students grade k to 5 Start at level 1. Purpose to be certain academic such as cognitive development and other subject's areas are not missing. Student being assessed in real time and student is advanced as a mastery level has been reached. Eliminates what has been forgotten or not been provided.

## Broad Learning Opportunities

Elementary Students grade k to 5 Start at level 1. Purpose to be certain academic such as cognitive development and other subject's areas are not missing. Student being assessed in real time and student is advanced as a mastery level has been reached. Eliminates what has been forgotten or not been provided.

## Program Management

AYM is managed by the student. Parents and teachers are notified when and if a child needs help on specific activities. At that point help is provided on each activity where it is needed. Each student has his or her own password to use Human Touch. Access can be from anywhere the e student has connection to the Internet.

## Student Performance

Each student has his/her own performance records for academic as well as all other learning categories. Each activity establishes a goal for each learning task and provides real time feedback to the student. This feature encourages and motivates the student.

## Real Time Assessment

Every Click of the mouse by the student is recorded and immediate feedback is provided to the student. If needed, the student is able to repeat an activity on his or her own. A student advances based on the student's ability to master each learning activity. No tests needed.

## Cognitive Development

Cognitive development is the process of developing the wiring of the brain needed to create thinking capabilities. Pruning is the natural process of eliminating brain neurons that are not ignited at an early age. AYM covers 162 subject areas of learning.

## Teacher, Parent & Student

Each student will develop his or her interests, skills and attitudes over time. Student performance data is kept over time-year to year. In this way understanding what is real for each student can be seen and act as a reminder of who the student is – a growing and changing person.

## Learning Time Required

The time required for a student in kindergarten to master Level 1 is approximately 30 minutes per day per week. The timeframe for older students to master Levels 2 and 3 is about the same This amount of time is basically 50% of the time normally required in the classroom.

## Reality

The brain thinks only in terms of reality not fantasy. A large percentage of what we all use to learn is seen and recorded into long-term memory from the right hemisphere of the brain. This is the area where spatial thinking occurs. Human Touch does not use graphics but thousands of video, photographic and real voices to create reality in thinking capacity.

## Individual Alignment

Students do not learn the same things at the same time or with the same effort. As each student masters certain subjects, that student is automatically moved forward. The student builds thinking skills while learning on his/her own, which builds confidence and hope to continue learning.

## Administrative Management

School district administration can see in real time how each school is performing and can also drill down to see how each student is progressing performing.

Parents are able to see progress of their child in real time.

## Focus on the Individual

Having mastered the four previous levels of AYM, the student will begin to select from a wide variety of activities based on interests and aptitude. The purpose is to advance the abilities of the student by allowing the student to see his/her skills levels thereby enabling the student to focus on his/her desires for further development rather than what others have decided for the student.

**Available 2017.**

# AYM Subject Areas



## Affective Domain

Including self-control, self-efficacy, virtues of regard and respect and kindness.



## Cognitive Development

Insuring the initial brain synaptic wiring includes, Fluid intelligence and reasoning, Quantitative reasoning, Visual intelligence processing, and Auditory intelligence processing



## American History

Providing cultural understanding of sacrifices and accomplishments by previous generations to preserve America's freedom.



## Language

Comprehension, listening comprehension-word reading-phonetic reading-reading comprehension-alphabet-spelling-sentence comprehension and development-essay understanding



## Critical Thinking

Based on levels of knowledge, comprehension, application, analysis, synthesis and evaluation.



## Science

Scientific thinking and creating, life, earth, physical, physical, space and cultural knowledge.



## Math

Multiplication, subtraction, division, fractions, estimating, volume, geometry, measurement, beginning algebra



## Creative Thinking

Idea generation, curiosity, imagination, reasoning, originality divergent thinking and sense of humor



## Vocabulary

measures mastery of words form a base of 12,500 words in 61 major clusters in a wide variety of subject areas to show aptitude and comprehension.



## Psychomotor

Fine motor skills of speed, accuracy and abilities

The guidelines contained in AYM learning activities reflect sound thinking development practices and are consistent with the goals and objectives typically used in tests used for determining student genius. These principals incorporate policies, practices and procedures that are designed to find, identify and serve students who are all in need of developing thinking abilities while they are young. These students represent a substantial, untapped potential in intellectual and academic areas of achievement.

## About IQ evaluation.

*What purpose does it serve?*

AYM stresses the importance of measuring a person's ability to apply his/her intelligence, not simply the intellectual (academic) capacity. What use, after all, is a high IQ if it is not applied to meaningful real world opportunities and problems? AYM provides a continually evolving mental development process that requires a sustained source of new and challenging opportunities to develop within the mind of the student. The result will be a student who is able to think on his/her own and take on the challenges of learning and expressing abilities in the real world both in and outside the classroom. A certain level of IQ is required for all AYM learning activities. But beyond that, the children are evaluated on other factors such as self-efficacy, creative thinking ability, maintaining motivation and direction; which are all necessary in determining success. These factors are represented in the AYM program.

