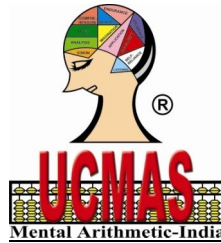


## What is Contents of U C MAS Teaching ?

Our training is divided into 10 levels : **foundation, primary, upper middle, lower middle, upper higher, middle higher, lower higher, upper professional, lower professional and Degree sections.**

### Contents of the training :-

1. Get to know abacus and its history.
  2. The methods of poking with **both hands**.
  3. **Recognize numbers** and beads, interested with figures and abacus, able to read several lines at one glance, writes faster.
  4. The basic skill of non carry and abdicate method.
  5. The skill of carry and abdicate.
  6. Mixture poking method.
  7. Basic skill of **multiplication and division**,
  8. **Fast reckoning** skill in **addition and subtraction** with few digits.
  9. **Fast reckoning** skill in **multiplication and division** with few digits.
- A. The teaching inclusive of the training in actual and pretended poking.
1. Pretended poking by looking at a non-beading abacus.
  2. Pretended poking with closed eyes, listen to the numbers, read while thinking of beads, tell the answers.
  3. Prove the beads image.
  4. Improve from closing eyes to open eyes.
  5. Develop from hand poking to pretended poking and them mind computing.
- B. Organize skill appraisal examination periodically.
- C. During the learning process, pay attention to students' moral and thought education, fostering a good learning habits and train their assiduousness and stamina.

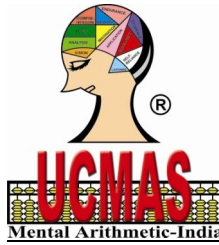


## **The function of Abacus Mental Arithmetic in Exploring Children's Intelligence In The Early Stage**

Through the practical teaching and proof from researchers, mental arithmetic had mobilized the learning initiative if children in mathematical concept, and give free rein to develop their right brain, letting the children react faster, think nimbler and smartly, understand deeper and stronger remembrance on the lessons taught on school.

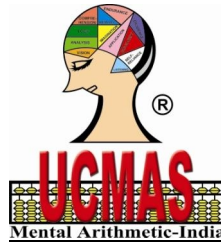
Recognize the causality of objects is the substantial feature of human thought. This recognition formed and developed by the influence from living and educational factors during the infant period. Mental arithmetic works effectively in strengthen children's ability in abstract thought. Recognizing the causality of objects cause children think smartly, strengthen his contingency ability; uphold his competitiveness, conception and judgment.

Applying the abacus mental arithmetic teaching method of U C MAS as the enlighten teaching for the children will be able to double out the effectiveness and subsequently shorter their comprehensive time and obtain the effectiveness faster. The formation and development of mathematical concept and operation ability is the important part in developing children's thought. According to investigation on researches and a series of classrooms' observation, abacus mental arithmetic is beneficial in enhancing children thinking ability, especially the function of right brain.



## **What is The U C MAS Teaching Objectives ?**

1. Recognize abacus, mastering the beads computing method by both hands, learn the basic gesture and pose when computing the beads, this includes the sitting pose, position of arms, angle of fingers, the strength used, holding of pen, distance between eyes and the numbers and the position of abacus.
2. Know and love mathematics, change the numbers into beads, translate the beads into numbers, remember the numbers or beads at a glance and write smoothly.
3. Mastering the law of Adding and Minus and correctly and proficiently computing the beads using both hands.
4. Mastering the multiplication and dividing methods and produce the products and quotients in fast and systematically.
5. Begins to create the beads' image in memory, foster the interest of mental arithmetic via listening and seeing improve the 5 basic learning functions: the sense of sight, hearing, touching, tasting and smelling.
6. Though researchers by experts, begins from the easier, systematically stimulate children's sense of pride and interest of learning, and hence foster a good learning habits.
7. The teaching method in Abacus Mental Arithmetic from U C MAS able to explore children's thought, enhance their conception, creativity and practical ability, strengthens their concentration and patience, fosters their understanding ability, inference and judgment, initiate their independence, struggle, exploring and researching mind, and then improve their hearing nimble and excellence visual.



## **When is the Best Learning Age for the children ?**

According to the analysis on the development on nervous tissues, the development and growth of the nervous will begin since 4 to 6 years old with a quickest speed, the progression will slow down after 12 years old when growth reach to 75%. The greatest growth of human brain are during 4 to 14 years old where during this period, the frequency of brain wave increase gradually from Theta (relaxing stage) to Alpha level (relax but conscious. Children in Alpha level have plentiful imagination and quicker learning ability. As they grow older into their juvenile age (the Beta level, the sober period), thought will become more complicated and rational, and mainly think with left-brain.

Therefore, as a parent to your children, in order to explore and enhance the children's intelligence, the best learning time for your children is the age before 15.

In order to create the overall intelligence of the cerebrum, both the right and left-brain must be trained at the same time. The creativity will at its greatest only when both brains communicating and co-operating with each other. The creativity function from right brain need to be boosted by the information stored in left brain, Whereas the mathematical and physical abilities has to work together with the space perception from the right brain in order to become an excellent scientist, engineer, literati, designer and business man as well.

The creation progression of a person faced difficulties or could be failed if lack of co-operation in both brains. Every creation progress need numerous collaborate between these two brains. This explained the reason why those used both their left & right will have the successfulness like Einstein, Picasso, Shakespeare or other computer genius. The achievement for sure limited by merely utilizes the left-brain.

The finding from experiments is, the systematical training of upper brain is able to change the operation of the lower brain, inclusive of health, achievement in sports, energy and spiritual, motive and stamina.

Children must prepared with sufficient intelligent and courage to face their future, and the abacus mental arithmetic education gives them the greatest help when this is in concern.