



# 2018 Global Cup

Abacus and Mental Arithmetic Championship

全球盃珠心算冠軍邀請賽

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 Note: UAAA is a federally registered 501(c)(3) non-profit organization

Competition Information	
<b>Objective</b>	The United Abacus Arithmetic Association (UAAA) and other related global organizations strive to promote the culture and growth of abacus nationwide through the hosting of the Global Cup. The STEAM (Science, Technology, Engineering, Art and Math) event allows for these organizations to popularize the importance and wonders of STEAM education for students.
<b>Date</b>	Sunday, January 28, 2018
<b>Location</b>	<b>Richard Nixon Presidential Library</b> 18001 Yorba Linda Blvd, Yorba Linda, CA 92886
<b>Host</b>	United Abacus Arithmetic Association
<b>Co-Host</b>	ABACUSING International Alliance, Canada Abacus Arithmetic Association, Taipei Abacus & Mental Arithmetic Association, Chinese Association For Mental Arithmetic Studies , EAST WEST MARKETING CORP
<b>Registration</b>	Deadline: <b>November 20, 2017</b> All registrations will be submitted by teachers from each organization. Please send in the registration forms and other required documents by: E-mail : <a href="mailto:globalcup@unitedaaa-global.org">globalcup@unitedaaa-global.org</a> Mail: 3203 South Brea Canyon Road, Suite A. Diamond Bar, CA 91765
<b>Contact</b>	U.S. : UAAA Support Team Tel: +1 (909) 979-3682
<b>Asian Regions</b>	ABACUSING International Alliance Secretary Office Tel: +86-136-1628-4553 EAST WEST MARKETING CORP TEL:+86-21-62533336 CELL:+86-13817609375
<b>Registration Fee</b>	\$120 per participating student
<b>Registration Notice</b>	<ul style="list-style-type: none"> <li>Students from the United States, Canada, Taiwan, Hong Kong, China, Japan, Korea, Malaysia, and other countries are all welcome to participate.</li> <li>Advancing Group Assignment: To encourage other students to strive for success, previous year Champions will be placed in a higher group level regardless of group assignment by age, i.e if you were a Group A Champion last year, although you're still in Group A this year according to the age, you will advance to Group B.</li> <li>To encourage participants to challenge themselves, this year we are introducing Gifted Group. Group E champions, advanced level students, or outstanding students are welcome to participant.</li> <li>Any Group changes shall be made no later than November 20, 2017. After this date, no changes can be made, and students will compete in the registered Group.</li> <li>Students must register to the Group corresponding to their age. If there is any discrepancy, the student will be disqualified.</li> </ul>

### Competition Group, Level, and Categories:

Group	Level	Age	Section		Test Questions Standard	Time
K	12/11	01/01/2012 and after	Abacus	Addition & Subtraction (1)	10 questions of five 1-digit numbers, 5 questions of three 1-to-2-digits numbers; no combination rules*	3 min
				Addition & Subtraction (2)	10 questions of seven 1-digit numbers, 5 questions of four 1-to-2-digits numbers; no combination rules*	3 min
				Addition & Subtraction (3)	5 questions of five 1-digit numbers; 5 questions of three 1-to-2-digits numbers, 5 questions of seven 1-digit numbers; 5 questions of four 1-to-2-digits numbers; no combination rules*	3 min
			Mental Arithmetic	Addition & Subtraction (1)	15 questions of three 1-digit numbers; no combination rules*	1 min
				Addition & Subtraction (2)	15 questions of three 1-digit numbers	1 min
				Addition & Subtraction (3)	10 questions of three 1-digit numbers, 10 questions of four 1-digit numbers	1 min
			Tie Breaker (Abacus)		Abacus test questions; no combination rules (total 20Q's)	1 min
A	11/10	01/01/2010 to 12/31/2011	Abacus	Addition & Subtraction (1)	10 questions of seven 1-digit numbers, 5 questions of five 1-to-2-digits numbers; no combination rules*	3 min
				Addition & Subtraction (2)	10 questions of ten 1-digit numbers, 5 questions of five 2-digits numbers; no combination rules*	3 min
				Addition & Subtraction (3)	5 questions of seven 1-digit numbers, 5 questions of four 1-to-2 digits numbers; 5 questions of ten 1-digit numbers; 5 questions of five 2-digits numbers	3 min
			Mental Arithmetic	Addition & Subtraction (1)	15 questions of four 1-digit numbers	1 min
				Addition & Subtraction (2)	15 questions of five 1-digit numbers	1 min
				Addition & Subtraction (3)	10 questions of four 1-digit numbers, 10 questions of five 1-digit numbers	1 min
			Tie Breaker (Abacus)		Abacus test questions; no combination rules (total 20Q's)	1 min
B	9/8	01/01/2008 to 12/31/2009	Abacus	Multiplication	$2\text{-digits} \times 1\text{-digit}, 3\text{-digits} \times 1\text{-digit}$ (30 Q's total)	3 min
				Division	$2\text{-digits} \div 1\text{-digit}, 3\text{-digits} \div 1\text{-digit}$ or $2\text{-digits} \div 1\text{-digit}$ (30 Q's total)	3 min
				Addition & Subtraction	10 questions of ten 1-to-2-digits numbers, 10 questions of ten 2-digits numbers (whole number)	3 min
			Mental Arithmetic	Multiplication	30 questions of $1\text{-digit} \times 1\text{-digit}$	1 min
				Division	30 questions of $2\text{-digits} \div 1\text{-digit}$ or $1\text{-digit} \div 1\text{-digit}$	1 min
				Addition & Subtraction	Five 1-digit numbers and six 1-digit numbers (20 Q's total)	1 min
			Tie Breaker (Abacus)		Abacus test questions; 10 questions per category	1 min
C	8/7	01/01/2006 to 12/31/2007	Abacus	Multiplication	$3\text{-digits} \times 1\text{-digit}, 2\text{-digits} \times 2\text{-digits}$ (30 Q's total)	3 min
				Division	$3\text{-digits} \div 1\text{-digit}, 4\text{-digits} \div 1\text{-digit}$ or $3\text{-digits} \div 1\text{-digit}$ (30 Q's total)	3 min
				Addition & Subtraction	10 questions of ten 2-digits numbers and 10 questions of ten 2-to-3-digits numbers	3 min
			Mental Arithmetic	Multiplication	15 questions of $1\text{-digit} \times 1\text{-digit}$ and 15 questions of $2\text{-digits} \times 1\text{-digit}$	1 min
				Division	15 questions of $2\text{-digits} \div 1\text{-digit}$ or $1\text{-digit} \div 1\text{-digit}$ and 15 questions of $3\text{-digits} \div 1\text{-digit}$ or $2\text{-digits} \div 1\text{-digit}$	1 min
				Addition & Subtraction	Seven 1-digit numbers, five 1-to-2-digits numbers (20 Q's total)	1 min
			Tie Breaker (Abacus)		Abacus test questions; 10 questions per category	1 min

D	7/6	01/01/2004 to 12/31/2005	Abacus	Multiplication	2-digits $\times$ 2-digits, 3-digits $\times$ 2-digits or vice versa, (30 Q's total)	3 min
				Division	4-digits $\div$ 1-digit, 4-digits $\div$ 2-digits or 3-digits $\div$ 2-digits (30 Q's total)	3 min
				Addition & Subtraction	10 questions of ten 2-to-3-digits numbers, 10 questions of ten 2-to-4-digits monetary numbers	3 min
			Mental Arithmetic	Multiplication	30 questions of 2-digits $\times$ 1 digit	1 min
				Division	3-digits $\div$ 1-digit or 2-digits $\div$ 1-digit (30 Q's total)	1 min
				Addition & Subtraction	Eight 1-digit numbers, six 1-to-2-digits numbers (20Q's total)	1 min
			Tie Breaker (Abacus)			Abacus test questions; 10 questions per category
E	5/4	01/01/2002 to 12/31/2003	Abacus	Multiplication	4-digits $\times$ 3-digits or vice versa, 3-digits $\times$ 3-digits, 4-digits $\times$ 2-digits or vice versa (30 Q's total)	3 min
				Division	6-digits $\div$ 3-digits, 6-digits $\div$ 2-digits, 5-digits $\div$ 3-digits or 5-digits $\div$ 2-digits (30 Q's total)	3 min
				Addition & Subtraction	10 questions of ten 3-to-4-digits monetary numbers, 10 questions of ten 4-to-5-digits monetary numbers	3 min
			Mental Arithmetic	Multiplication	15 questions of 2-digits $\times$ 1 digit, 15 questions of 3-digits $\times$ 1 digit	1 min
				Division	15 questions of 3-digits $\div$ 1-digit, 15 questions of 4-digits $\div$ 1-digit	1 min
				Addition & Subtraction	20 questions of eight 2-digits numbers	1 min
			Tie Breaker (Abacus)			Abacus test questions; 10 questions per category
Gifted	2	Before 12/31/2001	Abacus	Multiplication	7-digit whole, monetary <sup>§</sup> , non-monetary <sup>†</sup> and mixed decimal numbers (30 Q's total)	3 min
				Division	6-digit whole, monetary <sup>§</sup> , non-monetary <sup>†</sup> and mixed decimal numbers(30 Q's total)	3 min
				Addition & Subtraction	20 questions of ten 4 to 6-digit monetary numbers	3 min
			Mental Arithmetic	Multiplication	30 questions of 2-digits $\times$ 2 digits,	1 min
				Division	30 questions of 3-digits $\div$ 2-digits, and 4-digits $\div$ 2-digits	1 min
				Addition & Subtraction	20 questions of tent 2-digits numbers	1 min
			Tie Breaker (Abacus)			Abacus test questions; 10 questions per category

\* Combination rules are the combination adding and subtracting of 6,7,8,9 (i.e.  $+6 = +1-5+10$  or  $-6 = -10+5-1$ )

§ For monetary questions, the answer is rounded to the nearest hundredth.

† for non-monetary questions, the answer is rounded to the nearest thousandth.

## I. Awards Distribution:

Place	Champion	1 <sup>st</sup> Place	2 <sup>nd</sup> place	3 <sup>rd</sup> place	4 <sup>th</sup> place
# of students	1	10% (-1)	20%	40%	30%

- Placement Order: Students are ranked from highest to lowest score within their Group. If total score is the same, the student with the higher score in tie-breaker will rank higher. If tie-breaker score is the same, the score of other sections will be compared in the following order: mental arithmetic addition & subtraction, multiplication, division, abacus addition & subtraction, multiplication, and division. If these scores are still the same, the younger student will rank higher.
- Scholarship will also be awarded to each group's Champion.
- "Outstanding Teacher" will be awarded to the teacher of each group's Champion (the first of all first places).
- No awards will be given to students who has a score lower than 200.

## II. Score Notice

- a. Scoring method will be determined by selected teachers from the Host.
- b. The final score decision is determined by the judges. There is no objection to the finalized decision.
- c. Score results will be announced at Award Ceremony, every student must attend award ceremony
- d. Certification will be given after the competition to teachers from each organization.

## III. Schedule

<i>Time 時間</i>	<i>Events 行程</i>
8:00 - 8:50	Arrivals and Check in
8:50 -9:10	Students Warm up
9:10 - 9:30	Announce Exam Rules (with English and Chinese)
9:30 - 10:30	2018 Global Cup Competition
10:30 - 11:00	Flash Mental Competition
11:00 – 1:00	Lunch
1:00 - 1:30	Awards Ceremony Check in and Seating
1:30 – 2:00	GREEN PETS PROGRAM
2:00 - 2:15	Top 10 Flash Mental Finalist – Final Round
2:30 – 4:00	Start Award Ceremony

- a. After competition begins, students who arrive late will not be permitted to enter.
- b. During the competition, please turn off flashes and silent your cell phones.
- c. Only students who have passed Mental Math Level 4 are qualified to participate in Flash Mental. No additional fee is required.
- d. First (1 person), Second (2 people) and Third (3 people) places will be determined at the Final Round of Flash Mental.

**Attention Participating Student:** please complete the registration form and submit to your teacher.  
請將本表於2017年11月20日前由任教老師集中報名,

**Attention Teachers:** Please submit the participant's registration form by the due date via Email or Mail  
報名表件請E-mail: [globalcup@unitedaaa-global.org](mailto:globalcup@unitedaaa-global.org)

或郵寄 Mail Address : 3203 South Brea Canyon Road, Suite A. Diamond Bar, CA 91765  
報名費用繳支票抬頭請寫 Make Checks Payable To: *United Abacus Arithmetic Association*  
聯絡人 : UAAA Support Team 聯絡電話 : +1 (909) 979-3682