

## 2022 Virtual Abacus Dictation and Flash Mental Math Scholarship Competitions

1. **Objectives:** Our goals are to advance students' focus, reaction, and calculating capabilities in abacus dictation and flash mental math. We wish to further current and prospective students' interest in abacus and mental math by challenging themselves and pushing their limits through their participation in this competition.
2. **Sponsoring Organization:** Chinese American Abacus Association
3. **Competition Date and Time:**
  - a. *Virtual Abacus Dictation:* Sunday, March 20, 2022 @ 11am-12pm (Pacific)
  - b. *Virtual Flash Mental Math:* Sunday, November 13, 2022 @ 11am-12pm (Pacific)
4. **MOCK Test Date and Time:**
  - a. Virtual Abacus Dictation MOCK: Sunday, March 6, 2022 @ 11am-12pm (Pacific)
  - b. Virtual Flash Mental Math MOCK: TBA
5. **Competition Location:** The competition will be held on Zoom, with meeting invitations sent after registration.
6. **Registration Deadline:** February 15, 2022 (paid online)  
(*Special disposition may be made for students participating only in the Flash Mental Math competition – please speak with your teacher in the fall.*)
7. **Registration Information:**
  - a. *Eligibility:* This competition is open only to students of CAAA member teachers.
  - b. *Registration form:* The registration form will be available on the CAAA website at <https://www.caaa-abacus.org> or <https://tinyurl.com/2022VirtualAbacusCompReg>
  - c. *Registration fee*  
\$25 for one competition, \$50 to pre-register for both competitions
  - d. *Payment Link:* <https://tinyurl.com/2022VirtualAbacusCompetition>
8. **Competition Details:**

a. Virtual Abacus Dictation competition				
Groups \ Items	First Section	Second Section	Problem Types	
School Grades 1 to 12, 12 groups, one for each grade	15 problems	10 problems	1 digit, 7 numbers; 1 digit, 10 numbers; 2 digits, 5 numbers; 2 digits, 7 numbers; 2 digits, 10 numbers; 3 digits, 5 numbers; 3 digits, 7 numbers; 4 digits, 5 numbers; 4 digits, 7 numbers; 5 digits, 7 numbers; 6 digits, 5 numbers; etc. Intervals of 15 seconds to 5 seconds.	
25 questions total in 2 phases. Problem types will cover a distribution of problems with a depth and breadth dependent on the organization of the competition.				
Award Structure	1 <sup>st</sup> Place	2 <sup>nd</sup> Place	3 <sup>rd</sup> Place	Remarks
12 groups, one for each grade	1 person per group	2 persons per group	3 persons per group	For each group, 1st through 3rd place winners will receive a scholarship. All participants will receive a souvenir.

**b. Virtual Flash Mental Math competition**

Groups \ Items	First Section	Second Section	Problem Types	
School Grades 1 to 12, 12 groups, one for each grade	15 problems	10 problems	1 digit, 4 numbers to 1 digit, 10 numbers; 2 digits, 5 numbers; 2 digits, 7 numbers; 2 digits, 10 numbers; 3 digits, 5 numbers; 3 digits, 7 numbers; 3 digits, 10 numbers; 2-4 digits, 7 numbers; etc. Intervals of 1.5 seconds to 0.2 seconds.	
25 questions total in 2 phases. Problem types will cover a distribution of problems with a depth and breadth dependent on the organization of the competition.				
Award Structure	1 <sup>st</sup> Place	2 <sup>nd</sup> Place	3 <sup>rd</sup> Place	Remarks
12 groups, one for each grade	1 person per group	2 persons per group	3 persons per group	For each group, 1st through 3rd place winners will receive a scholarship. All participants will receive a souvenir.

9. **Required Setup:** Competitors will be required to have a setup where their immediate surrounding areas are clearly visible in order to prevent cheating with a calculator or using outside help.

**10. Competition Rules and Grading Criteria:**

- Your answer will be privately submitted to the host via the chat function of Zoom to the event organizer after each question, written with Arabic numbers only.
- The first answer given to each question is your final answer.
- Answers must be given during the allowable answering time for each question. An answer given after the competition has moved on to another question will be considered void and points not given.
- Abacuses are permitted but not required for abacus dictation. Calculators are not permitted in either competition.
- For each competition, placement will be determined by total score. In the case of a tie, the first tiebreaker will be the higher second section score. The next tiebreaker will be the competitor who the hardest problem (#25, then #24, etc.) of those still tied.

- Award amount will be announced after the final registration. Winners will be announced 5 days after the competition day.
- Participants found to register outside of their school grade, use an impostor or outside help, or otherwise cheat will be disqualified.
- For matters not covered or any outstanding issues, a decision will be made on the exam date.

Please register and make the payment online:

Registration Page:	Payment Page:
	

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CAAA is a federally registered 501(c)(3) non-profit organization.