



# CERTIFICATE OF COMPLETION

## PAMA GLOBAL TEACHER TRAINING SEMINAR

### 泛太平洋珠心算協會教師研習證書

We hereby certify that Alla Sudakova,  
representing Russia, attends  
PAMA GLOBAL teacher training seminar arranged by PAMA GLOBAL secretariats  
in Moscow with outstanding performance.

茲證明 Alla Sudakova 代表 Russia 參加  
泛太平洋珠心算協會秘書處  
在莫斯科舉辦之教師教學研習課程表現優異。

The attendee have completed the following units :

- (1) Level 6 abacus and mental arithmetic.
- (2) Decimal place, column-row and negative numbers.
- (3) Multi-digit multiplication and division units.
- (4) 9-bead abacus teaching techniques.
- (5) Computer-based flash mental arithmetic exercises.
- (6) Individual repeated errors (addition & subtraction) analysis and discussion.

Thanks for your outstanding work.

We hope you continue the contribution and enthusiasm for abacus teaching.  
特頒此狀，以資鼓勵。並希望您能貢獻所學，為珠心算界盡一份努力。

**PAMA GLOBAL Abacus & Mental Arithmetic Association**

**泛太平洋珠心算協會**

**PAMA Taiwan**

台灣總會

Chairman:

David Liao

**PAMA Secretariats**

秘書處

Secretary General:

Johnson Fu

Date: Aug. 28, 2017

№ 389

SMARTY  
KIDS  
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# СЕРТИФИКАТ SMARTYKIDS

Данный документ подтверждает успешное  
прохождение мероприятия по ментальной  
арифметике и технике ее преподавания

Судакова  
Алла  
Анатольевна

04 сентября 2017  
г. Новосибирск



Генеральный директор  
Андреев А.В