



**解説+監修**  
Rani Sanku (ラニ・サンク)  
リトルエンジェルスイングリッシュ  
アカデミー&  
インターナショナル幼稚園学園長

■インドの子供たちはアルファベットをカタチから覚えます。日本だとABCと順番に覚えさせます。でも私の教え方だと近い形から覚えさせます。しかも、遊びの中で自然と覚えますよね。数学も同じようにカタチから自然と入り覚えていくようにいたします。それが子供の情操教育にもつながるでしょう。



9784773003888



1920076005718

ISBN978-4-7730-0388-8  
C0076 ¥571E

Translated by Ms. Neera Godbole  
Rewritten: Dr. Sarath Chandar Rao  
Sanku

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早わかりバズル式解説+実践活用術



や っ て み よ う 不 思 議 な 計 算



自分の  
**IQ**を  
高めよう!



**解説+監修**  
Rani Sanku  
(ラニ・サンク)

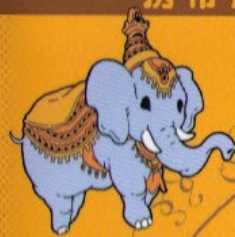
本書はインド数学を徹底的に覚える本です。  
「インド数学を覚えておく」と何かと便利である。今日のインド数学ブームのお陰で、その考えは日本人に浸透していると思います。実生活でも便利であり、電卓も殆ど必要なくなる。インド数学を実践することにより、退化していた計算能力もアップする。まさにいいこと尽くし。それがインド数学なのです。  
本書はそのインド数学を携帯用として役立つ大きさにし、電車の中でも気軽に学べるようにしました。そして、完全にインド数学が身につくようにドリル形式にしました。従って、繰り返し演習の要素と多少難しい計算する要素の両方を盛り込んであります。あなたの脳内活性化インド数学、是非、実践してみてください。  
文●インド数学研究会

脳に効く!! インド数学 超ドリル

超おもしろい! 超おもしろい! 超おもしろい!

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携帯用インド数学決定版!!



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「超ドリル」

書き込み式で  
誰にでも  
できちゃう。

脳に効く。



思ったより  
カンタン  
なんです。

脳内活性化→初級から上級まで  
インド数学「十・十・十」の脳ドリル

超

おもしろい  
しました。

著●インド数学研究会



消しゴムを  
使って何度も  
やってみてね!

INDIAN CALCULATION

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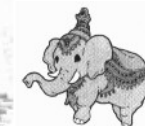




**Editor**

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**Little Angels  
International Kindergarten**



**Ms. Rani comments as the editorial supervisor:**

### **The pioneer who introduced Indian math into Japan**

I spent my childhood enmeshed in Mathematics. I always thought of it as a part of playing. While playing the game about who has the most number of acorns, we were counting different numbers. The concept of addition was taught to us as part of the wisdom of life along with other life skill by our parents. When I meet Japanese people, I mention that a first grader in an Indian Primary School in India learns 19x19 tables and they usually get astonished.

When I first came to Japan, I sent my son to a Japanese child care center and I realized how education here was different from my Indian experience. I wanted to create an education method which was not tailored according to the manual such as the Japanese education method, or the strict edicts of the Indian education method, but something enjoyable like when I was a child playing the Mathematical games and learning. This is what led to the formation of the Little Angel's English Academy in Mitaka.

Quite recently, a few of my academy students appeared for an IQ test for primary school entrance examination. We learnt that the IQ results of the children in our kindergarten was very high. This simply confirmed our methods of teaching and gave me increased confidence.

The Japanese may not yet be familiar with Indian mathematics as yet. However, when Japanese people who have learnt Mathematics, according to the Japanese method, come to understand the Indian way of Mathematical calculation, they too will experience the sense of discovery as children do, when they play with the acorns. I am sure you will also find this book interesting as one feels refreshed while understanding new concepts. If you find this book interesting, then I can say that the brain was stimulated!

### **Profile: Rani Sanku**

Born on 6th October 1957, she hails from Southern part of India, which mass-produces IT technologists. She has a Masters Degree in Accounting, Economics and Management. She landed in Japan with her husband and their eldest son as her husband got a fellowship for higher studies at Kyoto University. Later, they shifted to Tokyo, where she taught English as a volunteer. She has taught English at the Seikei Primary School. This experience led to the formation of the Little Angels English Academy and she is the Principal of the Kindergarten.



### **Mrs. Rani's Little Angels**

Children learning through games (Educating while playing games)

Each class has 10 to 20 students. Small chairs are arranged around a big table which can accommodate everyone. Puzzles and books used as the teaching material are stacked along a wall. It is this academy where, 95% of the students are Japanese, is the kindergarten that Ms. Rani started for teaching English and Mathematics.

When we visited the kindergarten for gathering information for our reporting assignment, children of 3 to 5 age group were busy arranging a complicated puzzle representing pipes. Surprisingly, all the children were conversing in English. It was as if we had wandered into an overseas kindergarten. The contents of the program, such as painting pictures, singing English songs are much the same as any other kindergarten, but each of the activities in the curriculum is not just a game but is closely linked to Mathematics and English. Ms. Rani stated, *"Instead of making education as rigid and compulsory, I wanted this kindergarten to be a very gentle, fostering and playful experience for the children so that they are able to absorb English and Mathematics just as easily and their brains remain stimulated."*

Such magical classes became very popular and the academy is set to start a primary school next spring. The present building is becoming small for the Academy so there are plans to shift to a bigger place. The academy is sure to grow large. We sincerely hope that the number of students, who are strong in English and Mathematics, increases along with the bigger place.

### **School Data**

Name : Little Angel's English Academy, International Kindergarten  
Address : 1-3-2, Kamirenjaku, Mitaka-shi, Tokyo, 181-0012  
Telephone : 0422-52-8381 HP : <http://www.AngelsEnglish.com>

International kindergarten course : Preschool for 2 and 3 years olds, Kindergarten for 4 and 5 year olds, All four years (Next spring plans for primary school). Monday, Tuesday, Thursday, Friday from 09:00 to 14:00, Wednesday from 09:00 to 12:00, Option of 2 days and 5 days course.

Little Angels Academy : From the age of 2 to 12, Monday, Tuesday, Thursday & Friday : 15:00 hrs to 18:00 hrs, Wednesday. from 09:00 to 12:00

The main aim is to provide English education to the children studying till the primary school level. Programs such as "Exciting" English class, Brain Power Safari (An IQ developing program), or Mother & Child English class are available for Children from 13 onwards and adults, 99 year olds! There have Mathematics classes as well.

