

Dialogue in Mathematics

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Israel
Mathematical
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למתמטיקה

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Why we start in kindergarten?

- During the years we developed an innovative approach to mathematic education in kindergarten.
- The key idea is that mathematics may be studied from kindergarten age, by using a different approach.
- The reason for this is that kindergarten children have not begun to learn math at school in an ordered manner. Therefore, their thinking is different, creative, open and intuitive.



What is the different to other approaches?

- The math program is based on a dialogue approach in which the teacher learns together with the children.
- The children and the teacher are enchanted by Math, learning the story of great mathematicians' life and discoveries



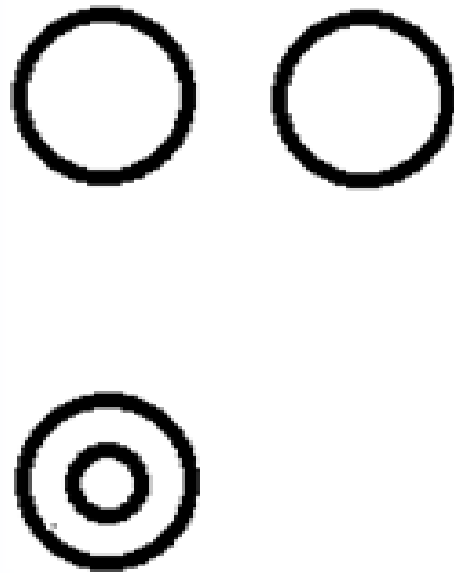


Children apply the concepts :

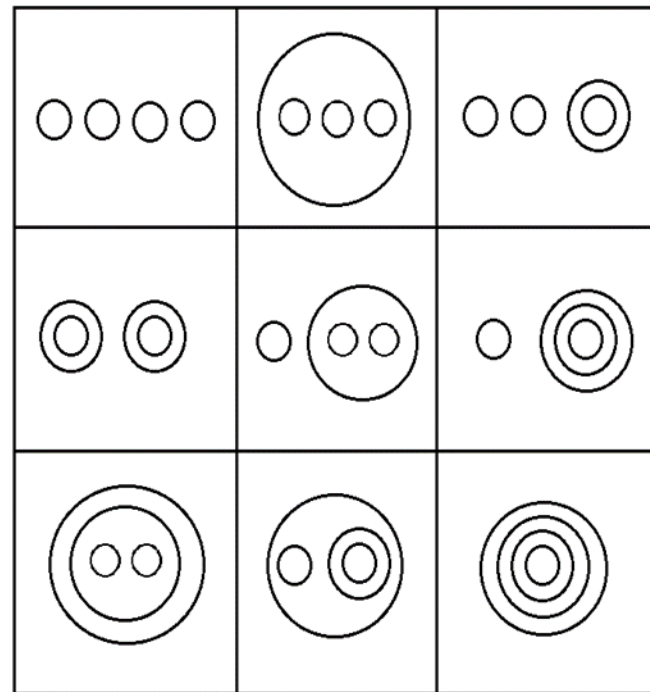
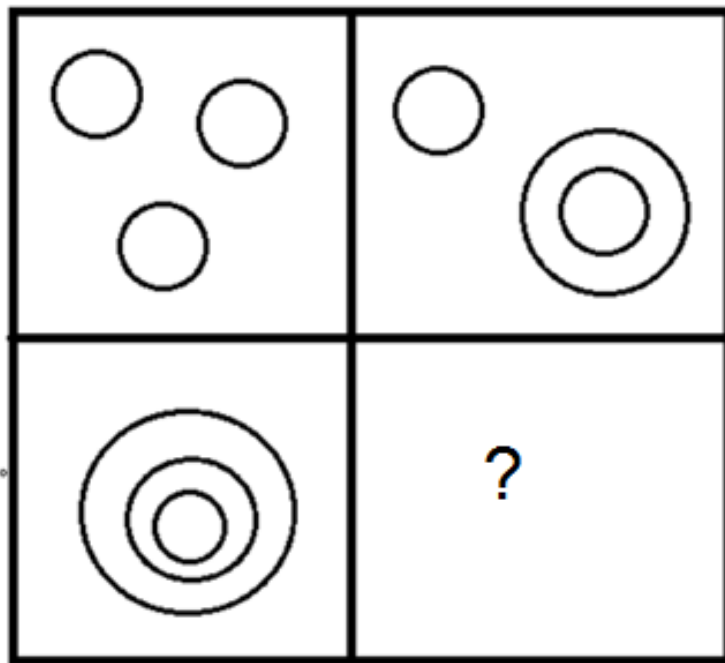
- Permutations
- partitions of number
- Forms of number



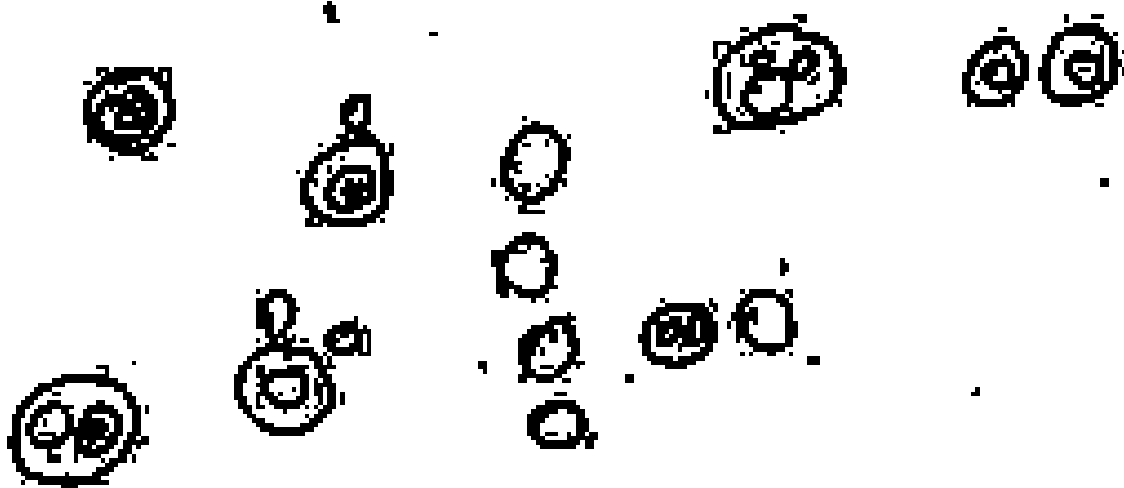
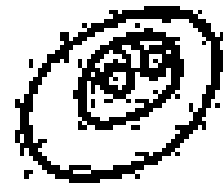
Forms of the number 2



Forms of 3 and 4



א"מג ג'ויפדו'ם
(אמג)



A pilot program

- The Israeli Ministry of Education has taken an interest in the program.
- We initiated a pilot program in several kindergartens.



Feedback of kindergarten teachers

- (T.M) Without any doubt this is a groundbreaking program in mathematics and pedagogy in kindergarten.
- (Z. G) I got a personal makeover when it comes to math. I want to write a master's degree on the subject.
- (A.E) Highly recommend to all kindergartens opportunity to see, experience and guidance in this project.
- (A. D) That may contribute to growth of new mathematicians.

