

KNOBLESS CYLINDERS

MATERIALS: Four sets of ten cylinders, each set of the same dimensions as the four cylinder blocks, in red, yellow, green and blue

AIMS

DIRECT AIM: Observation and comparison of the different series with each other

INDIRECT AIM: Understanding of dimensions and their intensity.

PRESENTATION

- a) Bring the green and yellow boxes to the table
- b) Take out the yellow cylinder's and place them randomly on the table
- c) Start grading the yellow cylinders next to each other; leave some space in between each of them
- d) Leave some space in between each of them take out the green cylinders and place them at random on the table
- e) Now, grade the green cylinders in the order just opposite to the yellow cylinders
- f) Look at both the sets from all the sides
- g) Bring the yellow cylinders in front of the green ones and reverse the order
- h) Place the green cylinders in front of the yellow cylinders and superimposed one top of the other
- i) Change positions and superimposed, the other way this time
- j) Now let the child explore and invite the child to continue working with the cylinders

Note: after each stage we look at the constructed set from all the directions

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EXERCISE 1: Child's own activity as shown in the presentation

EXERCISE 2: Any two sets of cylinders

EXERCISE 3: Any three sets

EXERCISE 4: All the four sets

EXERCISE 5: Encourage the children to build towers

CONTROL OF ERROR: NONE

LANGUAGE: NONE

AGE: 4.6 YEARS

ILLUSTRATION

