**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

**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**