BROWN STAIRS

MATERIALS: 10 Wooden prisms of the same length differing in 2 dimensions (breadth and height) with sides ranging from $1cm^2$ to $10 \ cm^2$.

AIMS

DIRECT AIM

Visual discrimination of differences- 2 dimensions

INDIRECT AIM

Muscular education of grip

Preparation for Mathematics

Refinement of voluntary movements

HOW TO PICK UP AND CARRY THE PRISM

Hold the prism in the center, and pick it up with your dominant hand, then place your other hand right below the prism, and a little away from the bottom.

PRESENTATION

a) Invite the child; take the child with you to the shelf.

b) Show the brown stairs to the child and demonstrate how to pick it up and carry it.

c) Bring them one by one to the working area with the help of the child.

d) Place it randomly on the Right side corner of the mat.

e) Isolate the largest (extreme) prism on the left side top corner of the mat.

f) Look for the next largest prism and place it right below the one already placed.

g) Occasionally, check the alignment of the prisms by sliding your fingers on the sides of the prism.

h) Follow the same steps until all the prisms are arranged in a perfect alignment.

i) Take the child with you to see the stairs from all the directions and from the top.

j) Once you're done, dismantle the prisms and place it randomly on the mat.

k) Invite the child to build Brown stairs.

EXERCISE 1

The child's own activity as shown in the presentation

BROWN STAIRS

EXERCISE 2 (UNIT OF DIFFERENCE)

Once the child is done with the activity, pick up the thinnest prism and place it on top of the next prism and align it in such a way, that the sides are aligned with the next one (refer illustration) This is to show the exact unit of difference.

CONTROL OF ERROR

It lies in the child's perception.

LANGUAGE

Thick-Thin

Thicker-Thinner

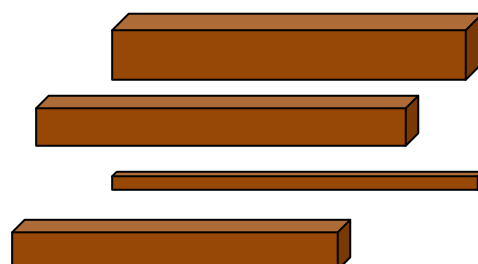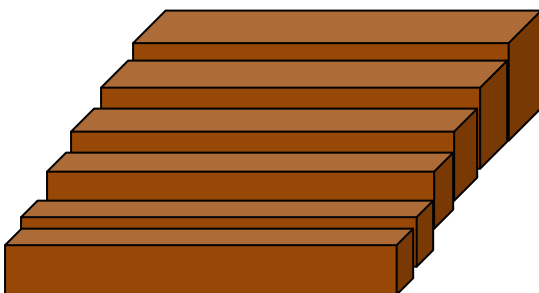Thickest- Thinnest

AGE

3 years

GAMES

GAME 1: Grading at a distance

GAME 2 A: Thicker/Thinner

GAME 2 B: Just thicker/ Just Thinner

ILLUSTRATION

ACTIVITY IN PROGRESS

BROWN STAIRS

UNIT OF DIFFERENCE