

Material: Drinking bottle with oil and coloured water

Age group: 0 – 18 months (Infants)

Physical

- Uses the bottle as a 'goal' to encourage movement from the child (crawling/ walking)
- Rolls the bottle to and fro, while the child's visual follows the bottle to enhance eye-hand coordination

Intellectual

- Brings the bottle near and far from the infants for visual effects
- Shakes the bottle to create visual effects for the infants

Emotional

- When the child hold the bottle and shakes it say "Wow! You are so strong, you can shake the bottle. Can you see the oil and water?"

Social

- Sharing the bottle between 2 infants, by rolling the bottle to one another

Material: Drinking bottle with oil and coloured water

Age group: 18 to 30 months (Toddler)

Physical

- Holds the bottle in a hand and move (walking or slow jog) to another place
- Shakes the bottle up and down

Intellectual

- Observes the layer of oil separating from the layer of water, educator asks "what is happening to the oil and water?"

Emotional

- Allows the child to hold the bottle as a 'security blanket' to reduce stress or increase security

Social

- Passes the bottle to and fro, with another friend
- Shares the bottle as a toy with a friend

Material: Drinking bottle with oil and coloured water

Age group: 30 months to 3 years old (Nursery)

Physical

- Balances the bottle on the palm
- Uses the bottle as a weight and lifts as an exercise equipment (consider using different sizes of bottles)

Intellectual

- Makes a bottle of water, oil and food colouring with the child (child gets to choose his colour)
- Looks through the coloured water and describe what they see
- Use experiments to explain why the oil and water do not mix

Emotional

- Encourage children to make predications to why the oil and water separates. Praise all answers given by the children.

Social

- Social interactions opportunities are created by getting the children to pair up while making the bottle