

## Linking:

### Investigating teacher's implementation of construction play in early childhood learning environments:

<u>Concepts:</u>	<u>Concepts grouped together:</u>	<u>Main concepts:</u>	<u>Over-arching concepts:</u>
Development: Young children Preoperational period Gender specific or not Prior knowledge Developmental aspects Developmental properties Fine and gross motor development Cognitive development Emotional development Language development	<ol style="list-style-type: none"><li>1. Young children's growth</li><li>2. Gender roles in play</li><li>3. Internal development</li><li>4. Developmental properties</li></ol>	<ol style="list-style-type: none"><li>1. Gender roles in play</li><li>2. Developmental assets</li></ol>	Developmental aspects of play for young children
Play: Construction materials and toys Construction play participation Open-ended materials Toy variety Stages of construction play Dramatic play Block play Wooden blocks Small group play Individual play Vertical building Box play Parallel play Play participation Play necessities	<ol style="list-style-type: none"><li>1. Construction toys</li><li>2. variety of materials</li><li>3. Multi functioning toy and materials</li><li>4. Types and stages of play</li></ol>	<ol style="list-style-type: none"><li>1. Play toys and materials</li><li>2. Engaging in different types of play</li></ol>	Using different materials to engage in play
Exploration and discovery through play: Curiosity and discovery New ideas Concept formulation Long-term memories	<ol style="list-style-type: none"><li>1. Discovering new ideas</li><li>2. Planning play</li><li>3. Formulating new concepts</li><li>4. Play interaction</li></ol>	<ol style="list-style-type: none"><li>1. Discovering through play</li><li>2. Designing new concepts</li></ol>	Discovering and developing curiosity through play

Construction planning Social aspect Combining elements Discovering blocks Different fascinations Investigating materials Play patterns Social capacity Peer interaction Group work			
Learning environment: Indoor environment Outdoor environment Toy storage Environment layout Material accessibility Resources and supplies Outdoor equipment Location	1. Different environments 2. Resources and supplies 3. Environment design 4. User-friendliness	1. Different learning environments 2. Resources and supplies	Promoting play in different learning environments
Teaching techniques: Primary schoolteachers Implementing play Play promotion Time allocation Teacher involvement Teacher's play background	1. Encouraging play 2. Play structure 3. Teacher participation 4. Background Knowledge	1. Teachers involvement in play 2. Inspiring play	Teachers involvement in play implementation
Construction of knowledge: Enhancing Mental images Envisioning final product Conservation Centration Irreversibility Egocentrism Structure planning Understanding concepts Problem-solving Problem-solving steps	1. Envisioning final product 2. Structure developing 3. Problem-solving 4. Interpreting concepts	1. Problem-solving through play 2. Envisioning and understanding play	Envisioning and solving problems through play