Group Interaction on Interactive Multi-touch Tables by Children in India

**INTRODUCTION**
1. Multi-touch tabletops in a local school in Delhi, India
2. Observational study:
   - Collaboration strategies
   - Touch input technique

**GROUP ACTIONS**
1. Simultaneously move an object
2. No appearance of conflict
3. Demonstrate understanding to each other

1. ‘Crowded conditions’ - several activities happening
2. Cohesiveness and engagement
3. Awareness of each others’ actions

**IMPLICATION: GROUP ACTION**
1. Performance attitude is valuable in group tasks
2. Natural group behaviour and shared understanding is seen
3. Allow children to work anywhere on surface without restrictions

**TASKS & TECHNIQUES**

**Collaborative Learning Tasks:**
1. Spider diagram
2. Classification

**Interaction Techniques:**
1. Direct touch
2. Pantograph

**MULTI-FINGER TOUCH TECHNIQUE**

**Actions seen:**
- Move digital objects
- Draw lines
- Using both techniques

**IMPLICATION: MULTI-FINGER**
1. Children applied touch input that seemed natural to them
2. Important to understand the existing ‘natural’ techniques of users
3. Design interaction techniques that support the ‘organic’ flow of digital object interaction

**MORE INFO**
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I'm also looking for Post-Doc positions!