**Strand:** Spatial sense and geometric reasoning  
**Band:** Early years  
**Standard:** 1  
**Year Level:** 2

**Key Idea**  
Children explore and experiment with simple transformations to predict and change the orientation and position of figures and objects in their daily activities. [In] [C] [KC6]

**Outcome**  
1.13 Uses simple transformations to orientate and move familiar objects and themselves when they are constructing, arranging and locating. [Id] [C]

**Task/Activities**  
Make a pattern on the page with a single shape using reflections (flips), translations (slides) and rotations (turns).

**Examples of evidence towards achievement of outcomes**  
Students  
- Use mathematical language to describe movements.

Pictorial description of task on next page
Pictorial description of task

<table>
<thead>
<tr>
<th>translate</th>
<th>reflect</th>
<th>translate &amp; rotate</th>
<th>translate</th>
</tr>
</thead>
<tbody>
<tr>
<td>→</td>
<td>←</td>
<td></td>
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Quality Assessment and Moderation in Mathematics
Central South Plains Cluster
SACSA Local Educators Network (2002)