

# Diagnostic Assessment for Patterns, Patterns, Everywhere



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# Patterns, Patterns Everywhere

## Diagnostic Assessment Performance Assessment

**Duration:** 30 min.

**Standard(s) Assessed:** MA.D.1.1.1.K.1, MA.D.1.1.2.K.1, MA.D.1.1.2.K.2, MA.D.1.1.2.K.3, SC.H.2.1.1.K.1, LA.D.1.1.1.K.1, and LA.D.2.1.2.K.1

**Description of Assessment Activity:** This diagnostic assessment is a group activity. The teacher claps a pattern and asks the class to repeat what they just heard (MA.D.1.1.1.K.1). The teacher reads a chorus from “I Know An Old Lady That Swallowed A Fly” and asks students to recite chorus the next time it appears in the story (LA.D.1.1.1.K.1, LA.D.2.1.2.K.1). Given a tub of unifix cubes, students are asked to create a pattern (MA.D.1.1.2.K.2). Shown a pattern created with unifix cubes, the student predicts and extends the pattern (MA.D.1.1.2.K.1). Upon hearing a pattern clapped by the teacher, students transfer the pattern just heard to the unifix cubes (MA.D.1.1.2.K.3). Shown various pictures of nature, the student selects the one that shows a pattern (SC.H.2.1.1.K.1). Results of this assessment will be recorded on the checklist/comment sheet provided.

**Teacher Directions:** Use the checklist provided in the assessment download from the Beacon Learning Center Unit Plan page. The checklist describes each activity the students should perform. Students should be told that this is an activity that lets the teacher know what they already know so that the teacher won’t spend time teaching them something that they already know. These activities can be done whole group or during center time. Paraprofessionals or adult volunteers may record some data for this assessment as the teacher is directing the students.

**Student Directions:** Listen to your teacher. She will tell you what to do.

**Scoring Method and Criteria:** This is a diagnostic assessment. All data from this assessment should be used to adjust the unit instructions and activities to meet the needs of your students as shown by this assessment. A teacher key with examples and explanations is available with this assessment.

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Assessed	SSS/GLE	Description of Activity
	LA.D.1.1.1.K.1	Identifies pattern in <i>I Know An Old Lady Who Swallowed a Fly</i> .
Comments		
	LA.D.2.1.2.K.1	Repeats pattern in <i>I Know An Old Lady Who Swallowed a Fly</i> .
Comments		
	MA.D.1.1.1.K.1	Identifies clap pattern demonstrated by the teacher.
Comments		
	MA.D.1.1.2.K.1	Predicts and extends a pattern with unifix cubes.
Comments		
	MA.D.1.1.2.K.2	Creates pattern using unifix cubes.
Comments		
	MA.D.1.1.2.K.3	Identifies pattern clapped by teacher and transfers to unifix cubes.
Comments		
	SC.H.2.1.1.K.1	Selects nature picture that shows a pattern.
Comments		

**Assessment Key:** / = not able    X = some understanding    v = already mastered  
**Comment area is for teacher records of individual needs observed.**

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**Models of specific data recorded.**

Assessed	SSS/GLE	Description of Activity
/	LA.D.1.1.1.K.1	Identifies pattern in <i>I Know An Old Lady Who Swallowed a Fly</i> . Comments <b>No students could do this.</b>
X	LA.D.2.1.2.K.1	Repeats pattern in <i>I Know An Old Lady Who Swallowed a Fly</i> . Comments <b>Only Kevin and Barbara could repeat the pattern. Other students followed their lead and began to correctly repeat the pattern after Kevin and Barbara's example.</b>
/	MA.D.1.1.1.K.1	Identifies clap pattern demonstrated by the teacher. Comments <b>Even students that began to copy the pattern correctly lost track and could not be sure of the pattern. No student successfully identified the pattern consistently.</b>
X	MA.D.1.1.2.K.1	Predicts and extends a pattern with unifix cubes. Comments <b>Most students could predict what would come next, but had difficulty extending the pattern.</b>
v	MA.D.1.1.2.K.2	Creates pattern using unifix cubes. Comments <b>All students could create a pattern.</b>
X	MA.D.1.1.2.K.3	Identifies pattern clapped by teacher and transfers to unifix cubes. Comments <b>The only students who could not do this are Dawn, Leon, Vern and Vicky.</b>
/	SC.H.2.1.1.K.1	Selects nature picture that shows a pattern. Comments <b>This was observed to be a guess rather than an understanding. No students could select nature patterns consistently.</b>

**Assessment Key: / = not able    X = some understanding    v = already mastered  
Comment area is for teacher records of individual needs observe.**