**Kannapolis City Schools**

**Math Assessment Task** 

**Grade Level:** Kindergarten

**Assessment Topic: \_** K.A.2.2 Use repeating patterns to make predictions and extend simple repeating patterns.

**Concepts:** Understand AB, AAB, ABC, and AABB patterns

 **Skills:**  Use repeating patterns to make predictions and extend simple repeating patterns.

**Materials:** 15 interlocking cubes  
 

**Administration Directions:**

I have hooked together some cubes (white blue white blue white blue). Look carefully. Add a cube that would come next. Add another. Another.

Why did you pick those cubes?

*Possible responses: “After white comes blue.” Or “It’s the same thing over and over. See… white, blue, white, blue. It just keeps going and going.”*

\*Adapted from the NCSCOS Essential Standards

**Scoring Guide**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Meets Benchmark** | **Partially Meets Benchmark** | **Doesn’t Meet Benchmark** | **Level** |
| **Extend simple repeating patterns** | Student should be able to extend and repeat a simple pattern. |  | Student is unable to extend and repeat a simple pattern. |  |
| **Explanation** | Student should be able to explain why he/she chose those cubes |  | Students are unable to explain the pattern that was extended |  |