# Kannapolis City Schools

**Math Assessment Task**

**Grade Level:** 2nd Grade

**Assessment Topic: 2.A.3 and 2.A.3.1 Repeating picture and number patterns**

Part 1

Jane’s teacher asked her to make a repeating pattern. When Jane finished her pattern she asked her teacher if the pattern was correct. Her teacher said that her pattern was not correct. What is wrong with Jane’s pattern?

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |

Part 2

There are seven students in Ms. Macon’s class. She starts by giving Megan 1 piece of candy. Then she gives Andre 3 pieces, then Antonio gets 1, and Beth gets 3 and Kate gets one. If she continues this pattern for the remaining students how many total pieces did she hand out? Explain how you found the total.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Megan | Andre | Antonio | Beth | Kate | Chris | Sam |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Meets Benchmark | Partially Meets Benchmark | Doesn’t Meet Benchmark | Points |
| Part 1 Explanation | Clear and accurate explanation. ( 3 points) | Explanation lack clarity or accuracy.( 1 point) | Explanation lacks clarity and accuracy. ( 0 points) |  |
| Part 2 Finding the total | Accurate total( 4 points) |  | Inaccurate total( 0 points) |  |
| Part 2 Explanation | Clear and accurate explanation. ( 3 points) | Explanation lack clarity or accuracy.( 2 points) | Explanation lacks clarity and accuracy. ( 0 points) |  |
|  |  |  | Total points |  |
|  |  |  | Percent ( Total points x 10) |  |