|  |  |  |
| --- | --- | --- |
| **Extending and Describing Behaviours/Strategies** | | |
| Student randomly draws circles to extend the pattern. | Student repeats only the last jewel in the core. | Student draws the jewels with the correct colours but places them in the wrong order. |
| **Observations/Documentation** | | |
|  |  |  |
|  |  |  |
| Student accurately extends the pattern but has difficulty describing the pattern. | Student accurately extends and describes the pattern but has difficulty representing it with letters. | Student accurately extends and describes the pattern and represents it with letters. |
| **Observations/Documentation** | | |
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| Big Idea | | | | | Indicators From Learning Progression | | | | |
| Curriculum Expectations addressed | | | | | | | | | |
| Student Names |  |  |  |  |  |  |  |  |  |
| Student can identify, represent, describe, and extend geometric repeating patterns involving one attribute.  **(Activities 1, 5)** |  |  |  |  |  |  |  |  |  |
| Student can identify, represent, describe, and extend numeric repeating patterns.  **(Activities 2, 4, 5)** |  |  |  |  |  |  |  |  |  |
| Student can identify the core of a repeating pattern. **(Activities 1–5)** |  |  |  |  |  |  |  |  |  |
| Student can find and describe numeric patterns on a hundred chart. **(Activity 4)** |  |  |  |  |  |  |  |  |  |
| Student can represent a repeating pattern with letters. **(Activities 2, 5)** |  |  |  |  |  |  |  |  |  |
| Student can translate a repeating pattern from one representation to another. **(Activity 5)** |  |  |  |  |  |  |  |  |  |
| Student can predict an element in a repeating pattern. **(Activity 3)** |  |  |  |  |  |  |  |  |  |
| Student uses math language to describe repeating patterns. **(Activities 1–5)** |  |  |  |  |  |  |  |  |  |

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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|  | **Not Observed** | **Sometimes** | **Consistently** |
| Identifies, represents, describes, and extends geometric repeating patterns involving one attribute.  **(Activities 1, 5)** |  |  |  |
| Identifies, represents, describes, and extends numeric repeating patterns.  **(Activities 2, 4, 5)** |  |  |  |
| Identifies the core of a repeating pattern. **(Activities 1–5)** |  |  |  |
| Finds and describes numeric patterns on a hundred chart. **(Activity 4)** |  |  |  |
| Represents a repeating pattern with letters. **(Activities 2, 5)** |  |  |  |
| Translates a repeating pattern from one representation to another. **(Activity 5)** |  |  |  |
| Predicts an element in a repeating pattern.  **(Activity 3)** |  |  |  |
| Uses math language to describe repeating patterns. **(Activities 1–5)** |  |  |  |

Strengths:

Next Steps: