







Repeating Patterns Behaviours/Strategies		
1. Student chooses a core card, but struggles to represent it with materials.  <div>Core: AABC</div> 	2. Student represents the core with materials, but struggles to use copies of the core to extend/create the pattern.  <div>Core: ABCB</div> 	3. Student represents the core with materials, but struggles to predict an element in the pattern.  <div>  </div> <div>“How do I know what the 14th element will be?”</div>
Observations/Documentation		
Observations/Documentation		
4. Student identifies the repeating unit (core) of a pattern, but struggles to find errors or missing elements.	5. Student creates repeating patterns based on one attribute, but struggles to create a core based on two attributes.  <div>Card: 3 elements; colour and shape changing</div> <div>Core:   </div>	6. Student creates and extends repeating patterns based on one or two attributes, and predicts missing element(s) and corrects errors.

# Master 14b: Cluster Assessment Whole Class

Big Idea					Indicators from Learning Progression				
Curriculum Expectations addressed									
Student Names									
Student can create repeating patterns based on copies of the core. <b>(Activities 1, 5)</b>									
Student can represent the core of a pattern with letters. <b>(Activities 1, 2, 4)</b>									
Student uses math language to describe patterns. <b>(Activities 1, 2, 3, 4, 5)</b>									
Student can identify the core of a repeating pattern. <b>(Activities 3, 4, 5)</b>									
Student can use the core of a pattern to make predictions. <b>(Activities 2, 5)</b>									
Student can extend a repeating pattern. <b>(Activities 2, 5)</b>									
Student can find and correct errors in a repeating pattern. <b>(Activities 3, 5)</b>									
Student can predict missing elements in a repeating pattern. <b>(Activities 3, 5)</b>									
Student can recognize, extend, and create repeating patterns involving two attributes. <b>(Activities 4, 5)</b>									

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

	Not Observed	Sometimes	Consistently
Creates repeating patterns based on copies of the core. (Activities 1, 5)			
Represents the core of a pattern with letters. (Activities 1, 2, 4)			
Uses math language to describe patterns. (Activities 1, 2, 3, 4, 5)			
Identifies the core of a repeating pattern. (Activities 3, 4, 5)			
Uses the core of a pattern to make predictions. (Activities 2, 5)			
Extends a repeating pattern. (Activities 2, 5)			
Finds and corrects errors in a repeating pattern. (Activities 3, 5)			
Predicts missing elements in a repeating pattern. (Activities 3, 5)			
Recognizes, extends, and creates repeating patterns involving two attributes. (Activities 4, 5)			

Strengths:

Next Steps: