

Mathematics Grade 3 Patterns (P)

Outcome	1 - Beginning The student is having difficulty demonstrating an understanding of the concept.	2 – Approaching The student is developing an understanding of the concept.	3 – Meeting The student consistently demonstrates an understanding of the concept or has achieved the concept.	4- Exemplary The student independently demonstrates an in-depth understanding of the concept, and consistently applies this knowledge to new situations.
P3.1 Demonstrate understanding of increasing and decreasing patterns including: <ul style="list-style-type: none"> • observing and describing • extending • comparing • creating patterns using manipulatives, pictures, sounds, and actions. 	<ul style="list-style-type: none"> • I can observe increasing OR decreasing patterns. 	<ul style="list-style-type: none"> • I can observe increasing AND decreasing patterns. 	<ul style="list-style-type: none"> • I can observe AND describe increasing AND decreasing patterns. 	<ul style="list-style-type: none"> • I can observe AND describe complex increasing AND decreasing patterns.
	<ul style="list-style-type: none"> • With help, I can extend increasing OR decreasing patterns. 	<ul style="list-style-type: none"> • I can extend increasing OR decreasing patterns. 	<ul style="list-style-type: none"> • I can extend increasing AND decreasing patterns. 	<ul style="list-style-type: none"> • I can extend complex increasing and decreasing patterns.
	<ul style="list-style-type: none"> • With help, I can create increasing OR decreasing patterns (creating patterns using manipulatives, pictures, sounds, and actions). 	<ul style="list-style-type: none"> • I can create increasing OR decreasing patterns (creating patterns using manipulatives, pictures, sounds, and actions). 	<ul style="list-style-type: none"> • I can create increasing AND decreasing patterns (creating patterns using manipulatives, pictures, sounds, and actions). 	<ul style="list-style-type: none"> • I can create complex increasing and decreasing patterns. (creating patterns using manipulatives, pictures, sounds, and actions).
	<ul style="list-style-type: none"> • With help, I can compare increasing OR decreasing patterns. 	<ul style="list-style-type: none"> • I can compare increasing OR decreasing patterns. 	<ul style="list-style-type: none"> • I can compare increasing AND decreasing patterns. 	<ul style="list-style-type: none"> • I can compare complex increasing and decreasing patterns.
	<ul style="list-style-type: none"> • With help, I can describe increasing OR decreasing patterns. 	<ul style="list-style-type: none"> • I can describe increasing OR decreasing patterns. 	<ul style="list-style-type: none"> • I can describe increasing AND decreasing patterns. 	<ul style="list-style-type: none"> • I can describe complex representations for increasing and decreasing patterns.

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Patterns (P)**

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P3.2 Demonstrate understanding of equality by solving one-step addition and subtraction equations involving symbols representing an unknown quantity. [C, CN, ME, R]	<ul style="list-style-type: none"> • With help, I can solve addition OR subtraction equations involving symbols representing an unknown quantity. 	<ul style="list-style-type: none"> • I can solve one step addition OR subtraction equations involving symbols representing an unknown quantity. 	<ul style="list-style-type: none"> • I can solve one step addition AND subtraction equations involving symbols representing an unknown quantity. 	<ul style="list-style-type: none"> • I can solve complex, multi-step addition and subtraction equations involving symbols representing an unknown quantity.
Comments				