

Mathematics Grade 5 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.
P5.1 I can represent, analyze, and apply patterns using mathematical language and notation.	<ul style="list-style-type: none"> • With help, I can identify a pattern rule using mathematics language OR symbols. • With help, I can predict the next elements in a pattern. • With help, I can represent the same given pattern in different ways using concrete or pictorial models, charts OR mathematical expressions. 	<ul style="list-style-type: none"> • I can identify a pattern rule using mathematics language OR symbols. • I can predict the next elements in a pattern. • I can represent the same given pattern in different ways using concrete or pictorial models, charts OR mathematical expressions. 	<ul style="list-style-type: none"> • I can describe pattern rules using mathematics language AND symbols. • I can predict the next elements in a pattern AND explain my reasoning. • I can represent the same given pattern in different ways, including concrete or pictorial models, charts, AND mathematical expressions. 	<ul style="list-style-type: none"> • I can compare pattern rules using mathematics language AND symbols. • I can compare and extend the pattern elements in different patterns. • I can create my own numeric or geometric patterns and represent them through concrete or pictorial models, charts AND mathematical expressions.
Comments				

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P5.2 I can use a variable to solve and check one-step equations.	<ul style="list-style-type: none"> • With help, I can identify the variable in a given single-variable, one-step problem. • With help, I can solve a few single-variable equations. • With help, I can check and verify a solution. 	<ul style="list-style-type: none"> • I can identify the variable in a given single-variable, one-step problem. • I can solve some single-variable equations AND identify ONE strategy I used. • I can check and verify some of my solutions. 	<ul style="list-style-type: none"> • I can write a single-variable, one-step equation for a given problem. • I can solve many single-variable equations AND explain the strategies I used. • I can check and verify most of my solutions. 	<ul style="list-style-type: none"> • I can write single-variable, one-step equation for problems I create. • I can solve a wide variety of single-variable equations AND compare the effectiveness of strategies used to solve them. • I can check and verify a wide variety of my solutions OR the solutions of others.
Comments				