



Mathematics Grade 4 Patterns (P)				
Outcome	1 – Little Evidence With help, I understand parts of the simpler ideas and do a few of the simpler skills.	2 – Partial Evidence I understand the simpler ideas and can do the simpler skills. I am working on the more complex ideas and skills.	3 – Sufficient Evidence I understand the more complex ideas and can master the complex skills that are taught in class. I achieve the outcome.	4- Extensive Evidence I have a deep understanding of the complex ideas, and I can use the skills I have learned in situations that were not taught in class.
P4.1 Demonstrate an understanding of patterns and relations by: <ul style="list-style-type: none"> identifying and describing patterns and relations in a chart, table or diagram; reproducing patterns and relations in a chart, table, or diagram using manipulatives; creating charts, tables, or diagrams to represent patterns and relations; solving problems involving patterns and relations. 	<ul style="list-style-type: none"> With help, I can identify a basic pattern in a familiar chart, table, OR diagram. 	<ul style="list-style-type: none"> I can identify a basic pattern found on a familiar chart, table, OR diagram. 	<ul style="list-style-type: none"> I can identify and describe the patterns found in a chart, table, OR diagram. 	<ul style="list-style-type: none"> I can identify and explain the patterns and relations found in charts, tables AND diagrams, and I can explain the strategies used.
	<ul style="list-style-type: none"> With help, I can reproduce simple patterns and relations found in charts, tables, or diagrams using manipulatives 	<ul style="list-style-type: none"> I can reproduce simple patterns and relations found in charts, tables, or diagrams using manipulatives 	<ul style="list-style-type: none"> I can reproduce the patterns and relations found in charts, tables, OR diagrams using manipulatives. 	<ul style="list-style-type: none"> I can reproduce and extend the patterns and relations found in charts, tables, or diagrams using manipulatives.
	<ul style="list-style-type: none"> With help, I can complete a chart, table, or diagram to represent patterns and relations. 	<ul style="list-style-type: none"> I can complete a chart, table, or diagram to represent patterns and relations. 	<ul style="list-style-type: none"> I can create charts, tables, OR diagrams to represent patterns and relations. 	<ul style="list-style-type: none"> I can create Carroll and Venn diagrams to represent patterns and relations.
	<ul style="list-style-type: none"> With help, I can solve a problem using the information found on a chart, table, or diagram. 	<ul style="list-style-type: none"> I can solve a problem using the information found on a chart, table, or diagram. 	<ul style="list-style-type: none"> I can extend a pattern in a table, chart, or diagram to solve a problem. 	<ul style="list-style-type: none"> I can extend a pattern in a variety of tables, charts, and diagrams to solve a problem.
	<ul style="list-style-type: none"> With help, I can identify and place information from a problem into a chart, table, or diagram. 	<ul style="list-style-type: none"> On my own, I can identify the information in a problem that needs to be placed in a table, chart, or diagram. With help, I can place the 	<ul style="list-style-type: none"> I can translate information from a problem into a table, chart or diagram in order to find a solution. 	<ul style="list-style-type: none"> I can translate information from a problem into a Carroll or Venn diagram in order to find a solution.



Mathematics Grade 4 Patterns (P)				
Outcome	1 – Little Evidence With help, I understand parts of the simpler ideas and do a few of the simpler skills.	2 – Partial Evidence I understand the simpler ideas and can do the simpler skills. I am working on the more complex ideas and skills.	3 – Sufficient Evidence I understand the more complex ideas and can master the complex skills that are taught in class. I achieve the outcome.	4- Extensive Evidence I have a deep understanding of the complex ideas, and I can use the skills I have learned in situations that were not taught in class.
		information into a chart, table, or diagram to solve a problem.		
Comments				



Mathematics Grade 4 Patterns (P)				
Outcome	1 – Little Evidence With help, I understand parts of the simpler ideas and do a few of the simpler skills.	2 – Partial Evidence I understand the simpler ideas and can do the simpler skills. I am working on the more complex ideas and skills.	3 – Sufficient Evidence I understand the more complex ideas and can master the complex skills that are taught in class. I achieve the outcome.	4- Extensive Evidence I have a deep understanding of the complex ideas, and I can use the skills I have learned in situations that were not taught in class.
P4.2 Demonstrate an understanding of equations involving symbols to represent an unknown value by: <ul style="list-style-type: none"> writing an equation to represent a problem; solving one step equations. 	<ul style="list-style-type: none"> With help, I can identify the unknown portion of the problem. 	<ul style="list-style-type: none"> I can identify the unknown portion of the problem. 	<ul style="list-style-type: none"> I can write an equation to represent a problem using a symbol to represent an unknown value. 	<ul style="list-style-type: none"> I can explain what is meant by a symbol in an equation, and what it represents in that equation.
	<ul style="list-style-type: none"> With help, I can solve one step addition, subtraction, multiplication, OR division equations, using a symbol to represent the unknown. 	<ul style="list-style-type: none"> I can solve one step addition, subtraction, multiplication, OR division equations, using a symbol to represent the unknown. 	<ul style="list-style-type: none"> I can solve one step addition, subtraction, multiplication, and division equations, using a symbol to represent the unknown. 	<ul style="list-style-type: none"> I can solve multi-step addition, subtraction, multiplication, OR division equations, using a symbol to represent the unknown.
Comments				