

Science Grade 3 Physical Science: Structure and Materials (SM)				
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.
SM3.1 I can investigate properties of materials and methods of joinery used in structures.	<ul style="list-style-type: none"> • I can carry out simple processes to show a few properties of materials used in structures. 	<ul style="list-style-type: none"> • I can carry out simple processes with some accuracy to show a few properties of materials used in structures. 	<ul style="list-style-type: none"> • I can carry out processes accurately to show many properties of materials used in structures. 	<ul style="list-style-type: none"> • I design and carry out a process to compare properties of materials used in structures, and explain what I did.
	<ul style="list-style-type: none"> • I can carry out simple processes to show a methods of joinery used in structures. 	<ul style="list-style-type: none"> • I can carry out simple processes with some accuracy to show a few methods of joinery used in structures. 	<ul style="list-style-type: none"> • I can carry out processes accurately to investigate methods of joinery used in structures. 	<ul style="list-style-type: none"> • I can explain in detail the processes I carry out to show many properties of methods of joinery used in structures.
Comments				

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SM3.2 I can assess the function and characteristics of strong, stable, and balanced natural and human-built structures.	Function	<ul style="list-style-type: none"> • With help, I can point out the purpose of various natural OR human-built structures. 	<ul style="list-style-type: none"> • I can point out the purpose of various natural OR human-built structures. 	<ul style="list-style-type: none"> • I can describe the purpose of various natural AND human-built structures. 	<ul style="list-style-type: none"> • I can connect the purpose of a structure to its characteristics.
	Characteristics	<ul style="list-style-type: none"> • With help, I can determine what makes a structure strong, stable OR balanced, for natural OR human-built structures. 	<ul style="list-style-type: none"> • I can determine what makes a structure strong, stable AND balanced, for natural OR human-built structures. 	<ul style="list-style-type: none"> • I can determine what makes a structure strong, stable AND balanced, for natural AND human-built structures. 	<ul style="list-style-type: none"> • I can compare the characteristics of strong, stable, AND balanced natural AND human-built structures.
	Assessment	<ul style="list-style-type: none"> • With help, I can design and build a simple structure, and explain what I did to give it strength, stability AND balance. 	<ul style="list-style-type: none"> • I can design and build a simple structure, and explain what I did to give it strength, stability AND balance. 	<ul style="list-style-type: none"> • I can point out the strengths and limitations of a simple structure that I have designed and built, with respect to strength, stability AND balance. 	<ul style="list-style-type: none"> • I can point out the strengths and limitations of a simple structure that I have designed and built, with respect to strength, stability and balance, and make changes to improve the structure.
Comments					