

Science Grade 5						
Physical Science: Properties and Changes of Materials (MC)						
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.	
MC5.1 I can investigate the characteristics and physical properties of materials in solid, liquid, and gaseous states of matter.	Characteristics	<ul style="list-style-type: none"> • With help, I can carry out simple processes with reasonable accuracy to determine a few characteristics of materials in solids, liquids OR gaseous states of matter. 	<ul style="list-style-type: none"> • I can carry out simple processes with reasonable accuracy to determine a few characteristics of materials in solids, liquids OR gaseous states of matter. 	<ul style="list-style-type: none"> • I can carry out processes accurately to determine the characteristics of materials in solids, liquids AND gaseous states of matter. 	<ul style="list-style-type: none"> • I can design and carry out an accurate investigation to determine the characteristics of materials in solids, liquids AND gaseous states of matter. 	
	Properties	<ul style="list-style-type: none"> • With help, I can carry out simple processes with reasonable accuracy to determine a few physical properties of materials in solids, liquids OR gaseous states of matter. 	<ul style="list-style-type: none"> • I can carry out simple processes with reasonable accuracy to determine a few physical properties of materials in solids, liquids OR gaseous states of matter. 	<ul style="list-style-type: none"> • I can carry out processes accurately to determine the physical properties of materials in solids, liquids AND gaseous states of matter. 	<ul style="list-style-type: none"> • I can design and carry out an accurate investigation to determine the physical properties of materials in solids, liquids AND gaseous states of matter. 	
Comments						

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MC5.2 Investigate how reversible and non-reversible changes, including changes of state, alter materials.	<ul style="list-style-type: none"> I can carry out simple processes to develop conclusions about the effects of change on properties and characteristics of materials, with help. 	<ul style="list-style-type: none"> I can carry out simple processes with some accuracy to develop conclusions about the effects of change on properties and characteristics of materials. 	<ul style="list-style-type: none"> I can carry out processes accurately to develop conclusions about the effects of change on properties and characteristics of materials. 	<ul style="list-style-type: none"> I can design and carry out an accurate investigation to develop conclusions about the effects of change on properties and characteristics of materials.
	<ul style="list-style-type: none"> With help, I can identify some reversible and non-reversible changes and some effects on materials. 	<ul style="list-style-type: none"> I can identify some reversible and non-reversible changes and some effects on materials. 	<ul style="list-style-type: none"> I can explain reversible and non-reversible changes and their effects on materials. 	<ul style="list-style-type: none"> I can compare reversible and non-reversible changes on a variety of materials, and draw conclusions.
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MC5.3 Assess how the production, use, and disposal of raw materials and manufactured products affect self, society, and the environment. [DM, SI]	Production	<ul style="list-style-type: none"> • With help, I can explain with examples and details how the production of raw materials AND manufactured products affects me, society, OR the environment. . 	<ul style="list-style-type: none"> • I can explain with examples and details how the production of raw materials AND manufactured products affects me, society, AND the environment. 	<ul style="list-style-type: none"> • I can explain the benefits and challenges of the effects of the production of raw materials AND manufactured products on me, society, AND the environment, with examples and details. 	<ul style="list-style-type: none"> • I can compare the benefits and challenges of the effects of a specific method of production of raw materials AND manufactured products on me, society, AND the environment, with examples and details.
	Use	<ul style="list-style-type: none"> • With help, I can explain with examples and details how the use of raw materials AND manufactured products affects me, society, OR the environment. 	<ul style="list-style-type: none"> • I can explain with examples and details how the use of raw materials AND manufactured products affects me, society, AND the environment. 	<ul style="list-style-type: none"> • I can explain the benefits and challenges of the use of raw materials AND manufactured products on me, society, AND the environment, with examples and details. 	<ul style="list-style-type: none"> • I can explain the benefits and challenges of a specific use of raw materials AND manufactured products on me, society, AND the environment, with examples and details.
	Disposal	<ul style="list-style-type: none"> • With help, I can explain with examples and details how the disposal of raw materials AND manufactured products affects me, society, OR the environment. 	<ul style="list-style-type: none"> • I can explain with examples and details how the disposal of raw materials AND manufactured products affects me, society, AND the environment. 	<ul style="list-style-type: none"> • I can explain the benefits and challenges of the disposal of raw materials AND manufactured products on me, society, AND the environment, with examples and details. 	<ul style="list-style-type: none"> • I can explain the benefits and challenges of a specific method of disposal of raw materials AND manufactured products on me, society, AND the environment, with examples and details.
Comment					