

Unit/Module Title	Standard A: Science as Inquiry	Standard B: Physical Science	Standard C: Life Science	Standard E: Science and Technology
The Carbonated Beverage Industry (Chemistry)	<ul style="list-style-type: none"> • Abilities necessary to do scientific inquiry • Understanding about scientific inquiry 	<ul style="list-style-type: none"> • Structure and properties of matter • Chemical reactions • Interactions of energy and matter 	<ul style="list-style-type: none"> • Behavior of organisms 	<ul style="list-style-type: none"> • Abilities of technological design • Understanding about science and technology
Polymer Research and Development (Chemistry and Biology)	<ul style="list-style-type: none"> • Abilities necessary to do scientific inquiry • Understanding about scientific inquiry 	<ul style="list-style-type: none"> • Structure and properties of matter • Chemical reactions • Motions and forces • Interactions of energy and matter 		<ul style="list-style-type: none"> • Abilities of technological design • Understanding about science and technology
The Plant Tissue Culture Industry (Biology)	<ul style="list-style-type: none"> • Abilities necessary to do scientific inquiry • Understanding about scientific inquiry 	<ul style="list-style-type: none"> • Chemical reactions • Interactions of energy and matter 	<ul style="list-style-type: none"> • The cell • Molecular basis of heredity • Interdependence of organisms • Behavior of organisms 	<ul style="list-style-type: none"> • Abilities of technological design • Understanding about science and technology

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Pulp and Paper Research and Development (Chemistry)	<ul style="list-style-type: none"> • Abilities necessary to do scientific inquiry • Understanding about scientific inquiry 	<ul style="list-style-type: none"> • Structure and properties of matter • Chemical reactions • Motions and forces • Interactions of energy and matter 		<ul style="list-style-type: none"> • Abilities of technological design • Understanding about science and technology
Paint Research and Development (Chemistry)	<ul style="list-style-type: none"> • Abilities necessary to do scientific inquiry • Understanding about scientific inquiry 	<ul style="list-style-type: none"> • Structure and properties of matter • Chemical reactions • Motions and forces • Interactions of energy and matter 		<ul style="list-style-type: none"> • Abilities of technological design • Understanding about science and technology
Upgrading the Wastewater Treatment Plant (Chemistry and Biology)	<ul style="list-style-type: none"> • Abilities necessary to do scientific inquiry • Understanding about scientific inquiry 	<ul style="list-style-type: none"> • Structure and properties of matter • Chemical reactions • Interactions of energy and matter 	<ul style="list-style-type: none"> • The cell • Matter, energy, and organization in living systems • Interdependence of organisms • Behavior of organisms 	<ul style="list-style-type: none"> • Abilities of technological design • Understanding about science and technology