

Middle School Science Map 2016-2017

<p><u>Nature of Science:</u></p> <ul style="list-style-type: none"> • Safety • Sci.Method • Measurement <p><u>Matter:</u></p> <ul style="list-style-type: none"> • States of matter • What is matter? <p><u>Energy:</u></p> <ul style="list-style-type: none"> • Types of energy • Energy conversion <p><u>Weather and Climate:</u></p> <ul style="list-style-type: none"> • Atmosphere • Water cycle • Heat/energy transfer (Performance Assessment) • Weather factors • Air masses/fronts <p><u>Earth's Changing Surface:</u></p> <ul style="list-style-type: none"> • Weathering • Erosion • Deposition • Geo Time Scale <p><u>Life Science:</u></p> <ul style="list-style-type: none"> • Ecosystems/population • Ecosystems/food <p><u>Motion and Forces</u></p> <ul style="list-style-type: none"> • Newtons Laws • Energy • Forces <p><u>Electricity and Magnetism</u></p>	<p><u>Life Science:</u></p> <p>Cells</p> <ul style="list-style-type: none"> • Unicellular/Multicellular • Prokaryotes/Eukaryotes • Cell Parts & Functions <p>Microbes</p> <ul style="list-style-type: none"> • Bacteria • Viruses • Protists • Fungi <p>Plants</p> <ul style="list-style-type: none"> • Photosynthesis • Parts and Functions • Reproduction • Gymno/Angiosperms <p>Animals</p> <ul style="list-style-type: none"> • Asexual/Sexual Reproduction <p>Animal Behavior</p> <ul style="list-style-type: none"> • Cycles • Interactions <p>Body Systems</p> <ul style="list-style-type: none"> • System Interactions • System Functions • Immunology • Embryonic Development <p>Genetics</p> <ul style="list-style-type: none"> • Heredity • Inheritance • Ethics <p>Ecosystems</p> <ul style="list-style-type: none"> • Natural Selection • Adaptations • Biodiversity • Energy Flow • Interactions among organisms • Human Impact/Population Changes 	<p><u>Chemistry:</u></p> <ul style="list-style-type: none"> • Properties of matter • Molecules/atoms • Chemical reactions (Performance Assessment) • States of matter • Conservation of mass <p><u>Geology:</u></p> <ul style="list-style-type: none"> • Rock Cycle • Earth's Layers and Heat Transfer • Plate Motion <p><u>Astronomy:</u></p> <ul style="list-style-type: none"> • Earth/Moon/Sun • Planets • Solar system scale
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