

MHSD 193 Science Curriculum Map

Grade/Course	September	October	November	December	January	February	March	April	May/June
Kindergarten	Yesterday, today, tomorrow Follow directions 2step directions Use of available technology	Explore changes Use of five senses	Observe and collection data	Learn about winter	Non-standard measurement.	Recognize tech tools	Learn about spring	Using tools to gather information Communicate observations Recycling Conservation	Learn about summer Distinguish between natural and manmade
Grade 1	Weather seasonal changes (YL) Animals	Animals, growth and development	Nutrition	Concepts of physical science	Concepts of physical science	Concepts of scientific inquiry	Plants	Environment	Simple machines
Grade 2	Scientific inquiry (YL)	Animals/growth & change (i.e. Creatures of the night) Animal/stable characteristics/ adaptations Predictions Concepts of form/ function	Past/present/future concepts, timelines (i.e. dinosaurs)	Matter/energy Solids/liquids/gases	Characteristics of matter Motions & forces (i.e. magnets)	Weather/seasons/ characteristics Water systems	Technology Man-made vs natural Objects/Simple tools Uses of Internet/TV in daily lives	Life cycles/graphing/ journals/habitat Predictions Plant habitat/growth Log/plant journal Changes with time Life cycles – plants	Life cycles (i.e. butterflies)
Grade 3	Earth/space systems Solar System	Rocks/minerals/fossils	Earthquakes and volcanoes	Seasons/water cycle/ temperature Matter/energy Liquids/solids/gases Answering questions by scientific inquiry	Ecosystems Habitats Gather and explain data and communicate results to others	Animal life cycle Classification/habitat/ Food chain Alternative explanations	Plants Oxygen/carbon dioxide	Resources/recycling	Simple machines Investigation Invention Technology Examples of technology used in careers Teamwork for problem solving Read and understand instructions or direction
Grade 4	Classifying living things Food chain	Body systems/ muscular/skeletal/ digestive (YL) Conduct experiments/ Hypothesize/display data/communicate results/predictions (YL) Consistency in concepts of science (YL)	Solar System Define contents of the Solar system Explore moon phases, length of day	Metric/standard measurement Celsius/Fahrenheit	Geological processes/ Concepts	Natural resources/ conservation Environmental issues Recycling concepts	Matter/energy/heat/ Properties Solids/liquids/gases Forms of energy Shape and use Simple machines	Weather/ changes in atmosphere/oceans Water cycle Effects of push/pull Six simple machines	Technology in science Technological milestones Understanding major Contributions/effects on Idaho
	Scientific Method (year long) Classifying organisms	Human body systems Heredity/genetics Plants &	Interactions & changes within ecosystems (biomes)	Finish ecosystems Water cycle	Weather patterns Earth's structure Weathering & erosion	Rock cycle Earth's resources – Renewal &	Matter & its properties Scientific measurement	Finish scientific measurement Technology	Stars & galaxies Earth in space

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Grade 5 (updated 2/2008)	Cells to body systems Compare plant & animal cells	photosynthesis			Volcanoes & earthquakes, continental drift	nonrenewable			