Content Standards	Dates	% of	Dates	Formative and Summative
content standards	Taught	Students scoring	Re-taught (Optional)	Assessments/ (Any Additional Comments Optional)
8 th Grade		over 70%	(Optional)	Comments Optional)
o Grade		0.00.70%		
Content Standard 8: Identify Newton's three laws of				
motion.				
Defining terminology such as action and reaction forces, inertia,				
acceleration, momentum, and friction.				
Interpreting distance-time graphs.				
Content Standard 9: Describe how mechanical advantages				
of simple machines reduce the amount of force needed for				
work.				
Describing the effect of force on pressure in fluids				
Example: increasing force on fluid leading to increase of pressure				
within a hydraulic cylinder				
Content Standard 12: Classify waves as mechanical or				
-				
electromagnetic.				
Examples: mechanical—earthquake waves				
Electromagnetic—ultraviolet waves, visible light waves				
Describing how earthquake waves, sound waves, water waves, and electromagnetic waves can be destructive or beneficial due to the				
transfer of energy.				
Describing longitudinal and transverse waves				
Describing how waves travel through different media				
Relating wavelength, frequency, and amplitude to energy				
Describing the electromagnetic spectrum in terms of frequencies				
Example: electromagnetic spectrum in increasing frequencies—				
microwaves, infrared light, visible light, ultraviolet light, X-rays				
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Content Standards	Dates	% of	Dates	Formative and Summative
Content Standards	Taught	Students	Re-taught	Assessments/ (Any Additional
¬th o •		scoring	(Optional)	Comments Optional)
7 th Grade		over 70%		
Content Standard 5: Identify major differences between				
plants and animals, including internal structures, external				
structures, methods of locomotion, methods of				
reproduction, and stages of development.				
Describing the processes of photosynthesis and cellular respiration.				
Identify differences in internal cellular structures like chloroplasts and				
cell walls, external structures, methods of locomotion, sexual and				
asexual methods of reproduction, and stages of development.				
Content Standard 6:				
Describe evidence of species variation due to climate,				
changing landforms, interspecies interaction, and genetic				
mutation.				
mutation.				
Examples: fossils records over geologic time, rapid bacterial mutations				
due to environmental pressures.				
Describe evidence of species variation due to climate in the cases of the				
snowshoe rabbit and arctic fox.				
Describe evidence of species variation due to geographic isolations such				
as a population becoming separated by a mountain range, an island				
breaking off from a mainland as in the case of Australia, or when a river				
separates a population as in the case of the Grand Canyon squirrel				
populations.				
Describe evidence of species variation due to interspecies interaction by				
recognizing the roles of parasitism, mutualism, and commensalism.				
Recognize that genetic mutation leads to diversity within a species when				
can lead to speciation.				

Content Standards 7 th Grade	Dates Taught	% of Students scoring over 70%	Dates Re-taught (Optional)	Formative and Summative Assessments/ (Any Additional Comments Optional)
Content Standard 7:				
Describe biotic and abiotic factors in the environment.				
Examples: biotic—plants, animals;				
abiotic—climate, water, soil				
Classifying organisms as autotrophs or heterotrophs.				
Arranging the sequence of energy flow in an ecosystem through food				
webs, food chains, and energy pyramids.				
Describe biotic factors and recognize examples.				_
are from item specifications				
Describe abiotic factors and recognize examples.				

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Content Ctandards	Dates	% of	Dates	Formative and Summative
Content Standards	Taught	Students	Re-taught	Assessments/ (Any Additional
cth c		scoring	(Optional)	Comments Optional)
6 th Grade		over 70%		
Content Standard 7: Describe Earth's biomes.				
Examples: aquatic biomes, grasslands, deserts, chaparrals, taigas, tundras				
Identifying geographic factors that cause diversity in flora and fauna,				
including elevation, location, and climate				
Content Standard 8:				
Describe how Earth's rotation, Earth's axial tilt, and				
distance from the equator cause variations in the heating				
and cooling of various locations on Earth.				
9				
Content Standard 9:				
Identify the moon's phases				
Describing lunar and solar eclipses				
Relating effects of the moon's positions on oceanic tides				
Content Standard 10:				
Describe components of the universe and their				
relationships to each other, including stars, planets and				
their moons, solar systems, and galaxies.				
Identifying the impact of space exploration on innovations in technology				
Examples: MRI, microwave, satellite imagery, GPS				
Mapping season changes in locations of constellations in the night sky				
Describing the life cycle of a star Example: H-R diagram				

Content Standards 6 th Grade	Dates Taught	% of Students scoring over 70%	Dates Re-taught (Optional)	Formative and Summative Assessments/ (Any Additional Comments Optional)
Content Standard 11: Describe units used to measure distance in space, including astronomical units and light years.				

Content Standards 5 th Grade	Dates Taught	% of Students scoring over 70%	Dates Re-taught (Optional)	Formative and Summative Assessments/ (Any Additional Comments Optional)
LIFE SCIENCE				
Content Standard 8:				
Identify major body systems and their functions, including				
the circulatory system, respiratory system, excretory				
system, and reproductive system.				
Content Standard 9:				
Describe the relationship of populations of a habitat to				
various communities and ecosystems.				
Describing the relationship between food chains and food webs				
Describing symbiotic relationships				

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Content Standards	Dates	% of	Dates	Formative and Summative
Content Standards	Taught	Students	Re-taught	Assessments/ (Any Additional
ath Caralla		scoring	(Optional)	Comments Optional)
4 th Grade		over 70%		
PHYSICAL SCIENCE				
Content Standard 2:				
Compare different pitches of sound produced by changing				
the size, tension, amount, or type of vibrating material.				
Describing the relationship between the structure of the ear and hearing				
Content Standard 3:				
Recognize how light interacts with transparent,				
translucent, and opaque materials.				
Examples: transparent – most light passes through,				
Translucent-some light passes through,				
Opaque-no light passes through				
Predicting the reflection or absorption of light by various objects				
EARTH AND SPACE SCIENCE				
Content Standard 9:				
Describe the appearance and movement of Earth and its				
Moon				
Identifying the waxing and waning of the moon in the night sky				
Identifying lunar and solar eclipses				

Content Standards 3 rd Grade	Dates Taught	% of Students scoring over 70%	Dates Re-taught (Optional)	Formative and Summative Assessments/ (Any Additional Comments Optional)
Content Standard 6: Identify structures and functions of the muscular and skeletal systems of the human body.				
Content Standard 7: Describe the life cycles of plants, including seed, seed germination, growth, and reproduction.				
Describing the role of plants in a food chain Identifying plant and animal cells				
Describing how plants occupy space and use light, nutrients, water, and air				
Classifying plants according to their features Examples: evergreen or deciduous, flowering or nonflowering				
Identifying helpful and harmful effects of plants Examples: helpful – provide food, control erosion; harmful – cause allergic reactions, produce poisons				
Identifying how bees pollinate flowers Identifying photosynthesis as the method used by plants to produce food				

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Content Standards	Dates	% of	Dates	Formative and Summative
Content Standards	Taught	Students	Re-taught	Assessments/ (Any Additional
2nd Grade		scoring over 70%	(Optional)	Comments Optional)
Zilu Graue		0001 7070		
PHYSICAL SCIENCE				
Content Standard 1: Identify states of matter as solids,				
liquids, and gases.				
Describing objects according to physical properties, including hardness,				
color, and flexibility				
Describing changes between states of matter				
Measuring quantities of solids and liquids				
EARTH AND SPACE SCIENCE				
Content Standard 11: Identify the basic components of				
our solar system, including the sun, the planets, and				
Earth's moon.				

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Content Standards	Dates	% of	Dates	Formative and Summative
	Taught	Students scoring	Re-taught (Optional)	Assessments/ (Any Additional Comments Optional)
1 st Grade		over 70%	(Optional)	comments optionary
PHYSICAL SCIENCE				
Content Standard 1: Select appropriate tools and				
technological resources needed to gather, analyze, and				
interpret data.				
Examples: platform balances, hand lenses, computers, maps, graphs,				
journals				
Content Standard 2: Identify basic properties of objects.				
Examples: size, shape, color, texture				
LIFE SCIENCE				
Content Standard 5: Identify parts of the human body,				
including head, neck, shoulders, arms, spine, and legs.				
Recognizing the importance of a balanced diet for healthy bones				
Discussing the relationship of muscles and bones to locomotion				
Discussing the relationship of bones to protection of vital organs				
Examples: protection of brain by skull				
Identifying technology used by scientists to study the human body				
Examples: X-ray images, magnetic resonance imaging (MRI)				
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Content Standards	Dates	% of	Dates	Formative and Summative
Content Standards	Taught	Students	Re-taught	Assessments/ (Any Additional
MINIDEDCADTEN		scoring	(Optional)	Comments Optional)
KINDERGARTEN		over 70%		
PHYSICAL SCIENCE				
Content Standard 2: Identify the sun as Earth's source of				
light and heat.				
Predicting the effect of the sun on living and nonliving things				
Identifying relationships between light and shadows				
Predicting the occurrence of shadows				
Content Standard 4: Identify properties of motion,				
including change of position and change of speed.				
Content Standard 5: Predict whether an object will be				
attracted by a magnet.				
attracted by a magnet.				