

DSM II™

Delta Science Modules II Grades K-8

Correlation to



**North Carolina
Standard Course of Study
and Grade Level Competencies**

North Carolina Kindergarten

Competency Goal 1:

The learner will build an understanding of similarities and in differences in plants and animals.

<i>Objectives:</i>	<i>DSM II</i>	<i>DSM II ACTIVITY</i>
1.01 Identify the similarities and differences in plants: Appearance. Growth. Change. Uses.	From Seed to Plant Observing an Aquarium	Activity 1-14 Activity 1, 6, 12
1.02 Identify the similarities and differences in animals: Appearance Growth. Change. Uses.	Observing an Aquarium	Activity 4-10, 12
1.03 Observe the different ways animals move from place to place, and how plants move in different ways.	Observing an Aquarium	Activity 3-12
1.04 Observe the similarities of humans to other animals and their basic needs. Observe how humans grow and change.	Observing an Aquarium*	Activity 4-10

* Although this module does not specifically address this objective, it would be extremely easy to do so by simply asking students, "How are humans like these animals?" and "How are humans needs like the needs of these animals?"

Competency Goal 2:

The learner will build an understanding of weather concepts.

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
2.01 Observe daily weather changes throughout the year:		
2.02 Identify types of precipitation, variation in wind, sky conditions and day and night changes.	Sunshine and Shadows* Finding the Moon	Activity 1-11 Activity 3,4, 9, 10
2.03 Observe the seasonal and daily changes in weather: similarities and differences, temperature changes.		

* Although this unit does not address this directly, students can be asked to compare the "earth, moon and sun relationships" with the objects used to cast shadows and compare patterns, such as revolution, rotation and eclipses.

Competency Goal 3:**The learner will build an understanding of the properties and relationship of objects.**

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
3.01 Describe objects in terms of the materials they are made of (clay, metal, cloth, paper, etc.) their physical properties (color, size, shape, weight, texture, flexibility), and how they are used.	Properties	Activity 1-13
3.02 Describe how objects look, feel, smell, taste, and sound using all the senses.	Properties	Activity 1-13
3.03 Describe motion when an object, a person, and animal, or anything goes from one place to another.	Properties	Activity 1- 13

Competency Goal 4:**The learner will increase his/her understanding of how the world works by using tools.**

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY</i>
4.01 Describe the functions of tools.		
4.02 Determine the usefulness of tools to help people; scissors, pencils, crayons, paper clips, hammers, etc.		
4.03 Apply nonstandard units of measure.	Properties	Activity 1-13
4.04 Conclude that tools extend human capabilities.		

North Carolina Grade 1

Competency Goal 1:

The learner will build an understanding of the needs of living organisms.

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
1.01 Determine the needs of plants Air. Water. Nutrients. Light.	From Seed to Plant	Activity 1–14
1.02 Determine the needs of animals: Air. Water. Nutrients Light	Observing an Aquarium	Activity 4-10, 12
1.03. Identify environments that support various types of living organisms	Observing an Aquarium	Activity 4-10, 12
1.04 Identify local environments that support the needs of North Carolina plants and animals.	Observing an Aquarium*** From Seed to Plant***	Activity 1-12 Activity 1-14

***Although these modules do not refer specifically to North Carolina, they do deal with organisms which live in North Carolina, such as crickets, ants, grass and others.

Competency Goal 2:

The learner will build an understanding of solid earth materials.

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
2.01 Distinguish the size and shape of rocks, boulders, grains of sand and smaller materials.		
2.02 Classify rocks and other earth materials according to their properties: Size. Shape. Color. Texture. Magnetism. The ability to float or sink.	Properties	Activity 1-12
2.03 Determine the properties of soil: Composition. Capacity to retain water. Color. Texture. Ability to support life.	Observing an Aquarium	Activity 2

Competency Goal 3:

The learner will build an understanding of the properties and relationship of objects.

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
3.01 Determine the many ways in which objects can be grouped or classified:	Properties	Activity 1-13
3.02 Classify solids according to their properties: Color. Texture. Shape (ability to roll or stack). Weight (float or sink).	Properties	Activity 1-13
3.02 Determine the properties of liquids: Color. Ability to float or sink in water (buoyancy)	Properties	Activity 1-13

Competency Goal 4:

The learner will build an understanding of the actions of objects.

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
4.01 Observe the ways in which things move: Straight. Zigzag. Round and round. Back and fourth. Fast and slow.		Activity 3, pages 1 – 16
4.02 Describe motion of objects by tracing and measuring movement over time.	Finding the Moon	Activity 3, 4, 9, 10
4.03 Observe the movement can be affected by pushing or pulling.		
4.04 Observe that objects can move steadily or change direction.	Finding the Moon	Activity 3, 4, 9, 10

North Carolina Grade 2

Competency Goal 1:

The learner will build an understanding of plant and animal life cycles.

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
1.01 Analyze the life cycle of plants: Reproducing. Developing into an adult. Eventually dying.	Classroom Plants Plant and Animal Populations	Activity 1-12 Activity 1-12
1.02 Compare and contrast life cycles of different plants.	Classroom Plants Plant and Animal Populations	Activity 1-12 Activity 1-12
1.03. Analyze the life cycle of animals: Being born. Developing into an adult. Reproducing. Eventually dying.	Butterflies and Moths Plant and Animal Populations	Activity 1-12 Activity 1-12
1.04 Compare and contrast life cycles of different animals.	Butterflies and Moths Plant and Animal Populations	Activity 1-12 Activity 1-12

Competency Goal 2:

The learner will build an understanding of the changes in weather.

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
2.01 Describe weather by measurable quantities: Temperature. Wind direction. Wind speed. Precipitation.	Weather Watching	Activity 1-12
2.02 Assess weather changes from day to day over the seasons.	Weather Watching	Activity 1-12

Competency Goal 3:

The learner will build an understanding of changes in properties.

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
3.01 Determine three states of matter: Solid. Liquid. Gas.	States of Matter	Activity 1-12
3.02 Observe changes in state due to heating and cooling in common materials.	States of Matter	Activity 4-12
3.03 Determine what can be done to materials to change some of their properties. (buoyancy-float and sink).	Sink or Float?	Activity 1-12
3.04 Observe the change in position and motion of objects relative to the strength of the push or pull (force).	Force and Motion	Activity 1-12

Competency Goal 4:**The learner will build an understanding of the concepts of sound.**

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
4.01 Discover how sounds are made by using a variety of instruments and “sound makers”.		
4.02 Discover that sound is produced by vibrating objects.	Using Your Senses	Activity 5-7
4.03 Determine the pitch of the sound by changing the rate of the vibration (how fast).	Using Your Senses	Activity 5-7
4.04 Analyze the pitch produced by changing the size and shape of a variety of instruments.	Using Your Senses	Activity 5-7

North Carolina Grade 3

Competency Goal 1:

The learner will build an understanding of plant and animal life cycles.

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
1.01 Determine that the quantities and qualities of nutrients, light, and water in the environment affect plant growth.	Plant and Animal Life Cycles	Activity 2-11
1.02 Observe how environmental conditions can determine how well plants grow and survive in a particular environment.	Plant and Animal Life Cycles	Activity 2-11
Analyze plant structures for specific functions: Growth. Survival. Reproduction.	Plant and Animal Life Cycles	Activity 2-11
Determine that new plants can be generated from: Seeds. Tubers. Bulbs. Cuttings.	Plant and Animal Life Cycles	Activity 2-11
Determine that the number of seeds a plant can produce depends on variables such as light, water, nutrients, and degree of pollination.	Plant and Animal Life Cycles	Activity 2-11

Competency Goal 2:**The learner will build an understanding of soil concepts.**

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
2.01 Differentiate the properties of soil such as color, texture, and capacity to retain water.	Soil Science	Activity 1-11
Analyze the ability of soil to support the growth of many plants, including those in our food supply.	Soil Science	Activity 1-11
2.03 Identify various types of soil: Sand. Clay. Humus.	Soil Science	Activity 1-11
2.04 Evaluate composting to show how plant and animal material can be broken down to form soil.	Pollution	Activity 1-11

Competency Goal 3:**The learner will build an understanding of the earth/moon/sun system.**

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
3.01 Using shadows, observe the movement of the sun in the sky during the day.	Solar System	Activity 1-9
3.02 Observe the angular position of the sun at noon over several months and relate to seasons.	Solar System	Activity 1-9
3.03 Observe the change in shape of the moon from day to day over several months to determine a pattern.	Solar System	Activity 1-9
3.04 Observe that stars in the night sky appear as tiny points of light.	Solar System	Activity 1-9

Competency Goal 4:**The learner will build an understanding of light and heat concepts.**

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
4.01 Analyze the reflection of light.	Electrical Circuits	Activity 8-11
4.02 Determine the nature of light through the use of shadows.	Electrical Circuits	Activity 8-11
4.03 Analyze conduction (the movement of heat from one object to another).	Electrical Circuits	Activity 8-11
4.04 Evaluate the ability of different materials to conduct heat.	Electrical Circuits	Activity 8-11
4.05 Determine that heat is produced from decaying plants in a compost pile.	Pollution	Activity 2-11

North Carolina Grade 4

Competency Goal 1:

The learner will build an understanding of animal growth and adaptation.

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
1.01 Relate structural characteristics and behavior of a variety of animals to the environment in which they are typically found.	Plant and Animal Life Cycles	Activity 1-11
1.02 Determine animal behaviors and body structures that have specific growth and survival functions in a particular habitat.	Plant and Animal Life Cycles	Activity 1-11
Evaluate living and nonliving things that affect animal life: Other animals. Plants. Climate. Water. Air. Location.	Plant and Animal Life Cycles	Activity 1-11

Competency Goal 2:

The learner will build an understanding of the composition and uses of rocks and minerals.

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
2.01 Describe the composition of a mineral. (Each mineral has a definite chemical composition and structures resulting in definite physical properties.)	Earth Movements	Activity 3
Analyze the mineral composition of rocks.	Earth Movements	Activity 3
2.03 Assess the uses of rocks and minerals.	Earth Movements	Activity 3
2.04 Classify rocks using student-devised rules.	Earth Movements	Activity 3

Competency Goal 3:**The learner will build an understanding of electricity and magnetism.**

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
3.01 Design and electric circuit as a complete pathway with an energy source, energy receiver, and energy conductor.	Electric Circuits	Activity 1-8
3.02 Determine the ability of electric circuits to produce light, heat, sound, and magnetic effects.	Electric Circuits	Activity 1-12
3.03 Analyze the parts of a light bulb.	Electric Circuits	Activity 9, 10
3.04 Assess the pull of magnets of all materials made of iron and the pushes or pulls on other magnets	Magnets	Activity 2-12
3.05 Measure magnetic effects over distance or through substances such as glass and paper.	Magnets	Activity 2-12

Competency Goal 4:**The learner will build an understanding of technological designs.**

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
4.01 Assess the invention of tools and techniques to solve problems.		
4.02 Observe the many tools that are based on designs found in nature.		
4.03 Determine how people use simple machines to solve problems.		
4.04 Evaluate the attributes of simple machines that can be manipulated or combined to affect outcomes.		
4.05 Assess the natural resources necessary to construct machines and tools.		

North Carolina Grade 5

Competency Goal 1:

The learner will build an understanding of the interdependence of plants and animals.

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
1.01 Assess a variety of ecosystems (communities of organisms and their interaction with the environment).	Food Chains and Webs	Activity 1-12
1.02 Determine the function of organisms within the population of the ecosystem: producers, consumers, and decomposers.	Food Chains and Webs	Activity 2-12
1.03 Evaluate the variety of organisms an ecosystem can support.	Food Chains and Webs	Activity 2-12
1.04 Relate the role of light, range of temperatures, and soil composition to an ecosystem's capacity to support life.	Food Chains and Webs	Activity 2-12
1.05 Evaluate the major source of energy to organism in food webs.	Food Chains and Webs	Activity 2-12
1.06 Assess the interaction of organisms within an ecosystem.	Food Chains and Webs	Activity 2-12

Competency Goal 2:

The learner will build an understanding of forms and sources of energy.

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
2.01 Assess the sources and forms of energy (heat, light, electricity, mechanical motion, and sound).	Sound Solar Energy	Activity 1-12 Activity 1-13
2.02 Assess the needs, benefits, distribution, pollution, and cost associated with society's use of energy.	Pollution	Activity 1-12
2.03 Analyze the interaction and transformation of the forms of energy.	Pollution Solar Energy	Activity 11-12 Activity 1-13

Competency Goal 3:

The learner will build an understanding of landforms.

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
3.01 Summarize changes to the earth caused by erosion, weathering, and mass wasting.	Erosion	Activity 2-11
3.02 Compare and contrast the stages of stream erosion and the valleys they produce.	Erosion	Activity 2-11
3.03 Compare and contrast the rock structure and relief of plains, plateaus, and mountains.	Erosion	Activity 2-11

Competency Goal 4:**The learner will build an understanding of weather and climate.**

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
Analyze the water cycle: Evaporation. Condensation. Precipitation. Ground water.	Oceans	Activity 5
4.02 Analyze the formation of clouds and their relation to weather systems.	Weather Forecasting	Activity 1-11
4.03 Relate global atmospheric movement patterns to local weather.	Weather Forecasting	Activity 1-12
4.04 Compile weather data to establish climate trends.	Weather Forecasting	Activity 1-12
4.05 Evaluate ocean's effect on weather and climate.	Oceans	Activity 7

North Carolina Grade 6

Competency Goal 1:

The learner will build an understanding of the lithosphere.

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
1.01 Determine how physical and biological agents and processes form soil and affect soil characteristics.	Rocks and Minerals	Activity 1-12
Analyze soil properties that can be observed and measured to predict soil quality: Horizon profile. Infiltration. Soil temperature. Structure. Consistency. Texture. Particle size. Soil pH. Fertility. Soil moisture.	Rocks and Minerals	Activity 1-12
Evaluate ways in which human activities have affected Earth's pedosphere and the measures taken to control the impact: Ground cover. Farming. Land use. Nutrient balance.	Rocks and Minerals	Activity 1-12

Competency Goal 2:

The learner will investigate the characteristics of matter and energy flow through an ecosystem.

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
2.01 Examine evidence that plants convert light energy into stored energy which the plant, in turn, used to carry out its life processes	Pond Life Plants in Our World	Activity 1-12 Activity 1-12
2.02 Differentiate between the interconnected terrestrial and aquatic global food webs.	Pond Life Plants in Our World	Activity 1-12 Activity 1-12
Describe ways in which organisms interact with each other and with nonliving parts of the environment: Limiting factors. Coexistence/Cooperation/Competition. Symbiosis.	Pond Life Plants in Our World	Activity 1-12 Activity 1-12
2.04 Evaluate the consequences of disrupting food webs.	Pond Life Plants in Our World	Activity 1-12 Activity 1-12

Competency Goal 3:**The learner will build an understanding of the Solar System.**

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
3.01 Interpret scientific theories concerning the components, patterns, and cycles of the solar system.	Earth, Moon, and Sun	Activity 1-11
Compare and contrast the Earth to other planets in terms of: Size. Composition. Relative distance from the sun. Ability to support life.	Earth, Moon, and Sun	Activity 3-4
3.03 Relate the influence of the sun and the moon's orbit to the gravitational effects produced on Earth.	Earth, Moon, and Sun	Activity 5, 8
Associate the revolution of Earth around the sun and the tilt of Earth's axis with the seasons.	Earth, Moon, and Sun	Activity 5-9
3.05 Identify technologies to explore space.	Earth, Moon, and Sun	Activity 1-13
3.06 Analyze the spin-off benefits generated by space exploration technology.	Earth, Moon, and Sun	Activity 1-13

Competency Goal 4:**The learner will investigate the characteristics of energy transfer.**

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
4.01 Determine how convection and radiation transfer energy	Solar Energy	Activity 1-12
4.02 Analyze heat flow through materials or across space from warm objects to cooler objects until both objects are at equilibrium.		
4.03 Conclude that vibrating materials generate waves that transfer energy.		
4.04 Evaluate data for qualitative and quantitative relationships associated with energy transfer and/or transformation.		
Analyze the physical interactions of light and matter: Absorbing. Scattering. Color perception.	Color and Light	Activity 1-13
4.06 Examine the law of conservation of energy.		

North Carolina Grade 7

Competency Goal 1:

The learner will build an understanding of the atmosphere.

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
1.01 Explain the composition, properties, and structure of the atmosphere.		
1.02 Analyze the properties that can be observed and measured to predict air quality: Particulate matter Ozone Pollen Temperature inversions		
1.03 Examine evidence that atmospheric properties can be studied to predict atmospheric conditions and weather hazards: Humidity Temperature Wind speed and direction Air pressure Precipitation		
1.04 Evaluate human impact on the atmosphere		
1.05 Assess the use of technology in predicting, monitoring, and recording atmospheric phenomena.		

Competency Goal 2:

The learner will build an understanding of cell theory.

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
2.01 Analyze structures, functions, and processes within plant and animal cells	Plants in Our World DNA – From Genes to Proteins	Activity 1-12 Activity 3-4
2.02 Compare life functions of protists		
2.03 Analyze human body systems: Form to function Interrelationships		
2.04 Relate disease to biological hazards: Pollen Viruses Bacteria Parasites		

Competency Goal 3:**The learner will build an understanding of Heredity and genetics.**

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
3.01 Explain the significance of chromosomes, genes, and DNA in cell reproduction and their relationship to inherited characteristics.	DNA- From Genes to Proteins	Activity 6-13
3.02 Analyze the role of probability in the study of heredity.	DNA- From Genes to Proteins	Activity 6-13
3.03 Explain how, during reproduction, the sorting and recombination of parents' genetic material produces potential variation among offspring.	DNA- From Genes to Proteins	Activity 8-10
3.04 Summarize the genetic transmittance of disease.	DNA- From Genes to Proteins	Activity 6-13
3.05 Analyze the issues raised by selective breeding and biomedical research.	DNA- From Genes to Proteins	Activity 6-13

Competency Goal 4:**The learner will build an understanding of the general properties and interactions of matter.**

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
4.01 Classify substances based on their properties: Elements Compounds Mixtures	Chemical Interactions	Activity 1-13
4.02 Relate state of matter to the arrangement and motion of atoms or molecules	Chemical Interactions	Activity 1-13
4.03 Analyze the suitability of materials for use in technological design: Conductivity Density Magnetism Solubility Rigidity Flexibility	Chemical Interactions	Activity 1-13
4.04 Classify objects based on characteristics: Density Boiling/Melting point	Chemical Interactions	Activity 1
4.05 Describe and measure quantities related to chemical/physical changes within a system: Temperature Volume Mass Precipitate Gas production	Chemical Interactions	Activity 1-13

4.06 Evaluate evidence to support the law of conservation of matter.		
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**North Carolina
Grade 8**

Competency Goal 1:

The learner will build an understanding of the hydrosphere.

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
1.01 Explain the composition, properties, and structure of the hydrosphere.		
1.02 Analyze hydrospheric data over time to predict the health of a water system: Temperature Dissolved oxygen PH Alkalinity Nitrates		
1.03 Evaluate evidence that the Earth's oceans are a reservoir of nutrients, minerals, dissolved gases, and life forms.		
1.04 Assess human impact on the on water quality.	If Shipwrecks could talk	Activity 9-11
1.05 Evaluate the effects of point and non-point sources of pollution on North Carolina water.		

Competency Goal 2:

The learner will build an understanding of population dynamics.

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
2.01 Evaluate data related to population growth, along with problems and solutions: Waste disposal Food supplies Disease control Resource availability Transportation		
2.02 Conclude that some ecosystem resources are finite.		
2.03 Explain how changes in habitat may affect organisms:		
2.04 Analyze practices that affect the use, availability, and management of natural resources: Land use Urban growth Manufacturing		

Competency Goal 3:**The learner will build an understanding of evidence of change or constancy in organisms and landforms over time.**

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
3.01 Interpret ways in which rocks, fossils, and ice cores record Earth's geological history and the evolution of life.	Earth Processes	Activity 1-14
3.02 Evaluate evolutionary theories and processes: Biological Geological Technological	Earth Processes	Activity 1-14
3.03 Examine evidence that the movement of continents has had significant global impact: Distribution of living things Major geological events.	Earth Processes	Activity 1-14
3.04 Evaluate the forces which shape the lithosphere: Constructive Destructive Earthquakes	Earth Processes	Activity 1-14
3.05 Analyze information from technology used to monitor Earth from space.		
3.06 Analyze factors that determine Earth's climate.		

Competency Goal 4:**The learner will build an understanding of motion and forces.**

<i>Objectives:</i>	<i>DSM II:</i>	<i>DSM II ACTIVITY:</i>
4.01 Analyze gravity as a universal force.	Famous Scientists Newton's Toy Box	Activity 3 Activity 1-6
4.02 Demonstrate ways that simple machines can change force.	Famous Scientists Newton's Toy Box	Activity 2 Activity 10
4.03 Analyze simple machines for mechanical advantage and efficiency.	Famous Scientists	Activity 2
4.04 Determine how the force of friction retards motion	Newton's Toy Box	Activity 7
4.05 Develop an understanding that an object's motion is always judged relative to some other object or point.	Newton's Toy Box	Activity 1-12
4.06 Describe and measure quantities that characterize moving objects and their interactions within a system: Time Distance Mass Force Velocity Center of mass.	Newton's Toy Box	Activity 1-13
4.06 Apply Newton's Laws of Motion to the way the world works: Inertia Acceleration Gravitation Action/Reaction Investigate electricity and magnetism as universal forces: Basic properties Relationship between Technological applications.	Newton's Toy Box	Activity 1-13