

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.A.1

Strand: Science Connections

Diocesan Standard Terra Nova Objective	Benchmark Statement
Science Connections	Develop an understanding of the science themes by using the themes to frame questions about science related issues and problems.

Performance Indicators
<ol style="list-style-type: none"> 1. Develop an understanding about the main features of Newton’s Laws of Motion and use this to frame questions about Newton’s concepts of mass, force and acceleration. 2. Develop an understanding about the main features of atomic theory and use this understanding to frame questions about the basic structure of the atom, conservation of matter, and its relationship to energy.

Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.A.2

Strand: Science Connections

Diocesan Standard Terra Nova Objective	Benchmark Statement
Science Connections	Describe limitations of science systems and give reasons why specific science themes are included in or excluded from those systems.

Performance Indicator		
1. Describe how a system is usually connected to other systems, both internally and externally, for example, a system may be thought of as containing subsystems or as being a subsystem of a larger system.		
Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.A.3, 7.A.4, 7.A.5

Strand: Science Connections

Diocesan Standard Terra Nova Objective	Benchmark Statement
Science Connections	Defend explanations and models by collecting and organizing evidence that supports them and critique explanations and models by collecting and organizing evidence that conflicts with them.

Performance Indicator		
1. Demonstrate how models work after changes are made to it; and suggest how the phenomena the model represents would work if the same changes were made to it.		
Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.A.6

Strand: Science Connections

Diocesan Standard Terra Nova Objective	Benchmark Statement
Science Connections	Use models and explanations to predict actions and events in the natural world.

Performance Indicator		
<ol style="list-style-type: none"> 1. Demonstrate an understanding that the complexity of models to be employed in any given situation is based on its purpose (to predict, explain, organize, compare/contrast, etc). 2. Demonstrate an understanding that computers have greatly improved the power and usefulness of models to summarize, predict or demonstrate how events change in the natural world. 		
Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.A.7

Strand: Science Connections

Diocesan Standard Terra Nova Objective	Benchmark Statement
Science Connections	Design real or thought investigations to test the usefulness and limitations of a model.

Performance Indicator		
1. Ask, “How do I know?” questions in appropriate situations and design investigations (using evidence, logic and good argument) to test the usefulness or limitations of a specific physical/conceptual model.		
Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.B.1

Strand: Nature of Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Nature of Science	Describe how scientific knowledge and concepts have changed over time in the earth and space, life and environment and physical sciences.

Performance Indicator
1. Describe how the process of testing, revising and occasional discarding of scientific knowledge never ends.

Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.B.2

Strand: Nature of Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Nature of Science	Identify and describe major changes that have occurred in conceptual models and explanations in the earth and space, life and environmental, and physical sciences and identify the people, cultures, and conditions that led to these developments.

Performance Indicator		
1. Identify and describe the main components of Newton’s unified view of force and motion in which motion everywhere in the universe can be explained by the same few rules. Key scientists: Newton, Kepler 2. Identify and describe the main changes in scientists’ conceptions of the atomic theory and the process of conservation of matter. Key scientists: Democritus, Lavoisier, Proust, Dalton, Rutherford, Thompson, Curie, Bohr, Fermi		
Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.B.3

Strand: Nature of Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Nature of Science	Explain how the general rules of science apply to the development and use of evidence in science investigations, model-making and applications.

Performance Indicator
<ol style="list-style-type: none"> 1. Explain why the results of similar scientific investigations seldom turn out exactly the same (for example, difference in the things being investigated; differences in methods used or circumstances in which the investigation is carried out. 2. Explain the importance of an individual’s prior knowledge/understanding (for example, what people expect to observe often affects what they actually do observe; strong beliefs about what should happen in particular circumstances can prevent scientists from detecting other results)

Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.B.4

Strand: Nature of Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Nature of Science	Describe types of reasoning and evidence used outside of science to draw conclusions about the natural world.

Performance Indicator
1. Explain that scientists usually do not pay much attention to claims about how something works unless the claims are backed up with evidence that can be confirmed or backed up by logical argument.

Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.B.5

Strand: Nature of Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Nature of Science	Explain ways in which science knowledge is shared, checked, and extended, and show how these processes change over time.

Performance Indicator		
1. Explain that scientific knowledge is shared through a strong commitment to the process of peer review and publication. (This process serves to keep the vast majority of scientists well within the bounds of ethical behavior. Deliberate deceit is likely to be exposed by the scientific enterprise. Violations of scientific ethics are strongly condemned by the scientific community.)		
Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.B.6

Strand: Nature of Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Nature of Science	Explain the ways in which scientific knowledge is useful and also limited when applied to social issues.

Performance Indicator		
1. Describe how some matters cannot be examined usefully in a scientific manner (for example, matters that by their nature cannot be tested objectively; matters of morality; and matters of faith).		
Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.C.1

Strand: Science Inquiry

Diocesan Standard Terra Nova Objective	Benchmark Statement
Science Inquiry	Identify a question to investigate using resources and equipment available.

Performance Indicator
1. Describe how current scientific knowledge and understanding guide scientific investigation.

Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.C.2, 7.C.7

Strand: Science Inquiry

Diocesan Standard Terra Nova Objective	Benchmark Statement
Science Inquiry	Use the science content being learned to ask questions, plan investigations, make observations, make predictions, and offer explanations.

Performance Indicator		
1. Choose appropriate tools and techniques to gather data.		
Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.C.3

Strand: Science Inquiry

Diocesan Standard Terra Nova Objective	Benchmark Statement
Science Inquiry	Design and safely conduct investigations that provide reliable quantitative or qualitative data, as appropriate, to answer questions.

Performance Indicator
<ol style="list-style-type: none"> 1. Clarify those ideas that are influencing and guiding their inquiry. 2. Demonstrate ability to identify and count variables.

Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.C.5

Strand: Science Inquiry

Diocesan Standard Terra Nova Objective	Benchmark Statement
Science Inquiry	Use accepted scientific knowledge, models, and theories to explain results and to raise further questions about investigations.

Performance Indicator
1. Demonstrate that scientific investigations sometimes result in new ideas and phenomena for study.

Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.C.7

Strand: Science Inquiry

Diocesan Standard Terra Nova Objective	Benchmark Statement
Science Inquiry	Explain data and conclusions in ways that allow an audience to understand the questions selected for investigation and the answers developed.

Performance Indicator
1. Choose appropriate tools and techniques to gather data.

Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.C.10

Strand: Science Inquiry

Diocesan Standard Terra Nova Objective	Benchmark Statement
Science Inquiry	Discuss the importance of results and implications of work with peers, teachers, and other adults. Raise further questions, which still need to be answered.

Performance Indicator		
<ol style="list-style-type: none"> 1. Communicate experimental methods, follow instructions, describe observations, analyze results, and tell others about their investigations and explanations. 2. Recognize that scientific investigations sometimes generate new methods or procedures for investigations or develop new technologies to improve the collection of data. 		
Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.D.1

Strand: Physical Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Physical Science	Observe, describe, and measure physical and chemical properties of elements and other substances to identify and group them according to properties such as density, melting points, boiling points, conductivity, magnetic attraction, solubility, and reactions to common physical and chemical tests.

Performance Indicator		
<ol style="list-style-type: none"> 1. Identify substances and group them according to elements, compounds, or mixtures. 2. Recognize how substances are identified and grouped using physical and chemical properties. 3. Using the periodic table of elements, demonstrate how to illustrate the building blocks of matter. 		
Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.D.5

Strand: Physical Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Physical Science	While conducting investigations, explain the motion of objects by describing the forces acting on them.

Performance Indicator
<ol style="list-style-type: none"> 1. Describe and explain the force of gravity on moving objects. 2. Explain how convection currents affect the movement of water, air, and the earth.

Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.D.6

Strand: Physical Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Physical Science	While conducting investigations, explain the motion of objects using concepts of speed, velocity, acceleration, friction, momentum, and changes over time, among others, and apply these concepts and explanations to real-life situations outside the classroom.

Performance Indicator
<ol style="list-style-type: none"> 1. Experience measuring the motion of an object. 2. Discover the difference between velocity and acceleration. 3. Experience and explain how friction affects moving objects.

Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.D.7

Strand: Physical Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Physical Science	While conducting investigations of common physical and chemical interactions occurring in the laboratory and the outside world, use commonly accepted definitions of energy and the idea of energy conservation.

Performance Indicator
1. Using equations, explain how light, water, and sound waves travel.

Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.D.8

Strand: Physical Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Physical Science	Describe and investigate the properties of light, heat, gravity, radio waves, magnetic fields, and sound waves as they interact with material objects in common situations.

Performance Indicator
<ol style="list-style-type: none"> 1. Experience and describe the properties of light interacting with opaque, transparent, and translucent objects. 2. Describe the sun’s energy in terms of infrared, ultraviolet, and the visible light spectrum. 3. Experience the electromagnetic spectrum and apply the concepts. 4. Experience and describe the properties of sound waves interacting with air, water, and solid material.

Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.E.1

Strand: Earth and Space Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Earth and Space Science	Using the science themes, explain and predict changes in major features of land, water, and atmospheric systems.

Performance Indicator
<ol style="list-style-type: none"> 1. Explain and predict land changes shaped by rivers, streams, glaciers, rockslides, mudflows, and water cycle. 2. Relate how the lithospheric plates move in response to the movement of the mantle. 3. Demonstrate how water moves through the water cycle.

Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.E.2

Strand: Earth and Space Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Earth and Space Science	Describe underlying structures of the earth that cause changes in the earth's surface.

Performance Indicator		
1. Describe volcanoes and earthquakes.		
Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.E.3

Strand: Earth and Space Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Earth and Space Science	Using the science themes during the process of investigation, describe climate, weather, ocean currents, soil movements and changes in the forces acting on the earth.

Performance Indicator
<ol style="list-style-type: none"> 1. Describe how energy forces affect earth and atmosphere. 2. Observe and predict how local weather is influenced by various factors.

Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.E.4

Strand: Earth and Space Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Earth and Space Science	Using the science themes, analyze the influence living organisms have had on the earth's systems, including their impact on the composition of the atmosphere and the weathering of rocks.

Performance Indicator		
1. Describe how environmental degradation and resource depletion vary on earth.		
Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.E.5

Strand: Earth and Space Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Earth and Space Science	Analyze the geologic and life history of the earth, including change over time, using various forms of scientific evidence.

Performance Indicator		
1. Compare and contrast effects of wind and water, erosion, deposition and glaciers on earth plate tectonics.		
Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.E.6

Strand: Earth and Space Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Earth and Space Science	Describe through investigations the use of the earth's resources by humans in both past and current cultures, particularly how changes in the resources used for the past 100 years are the basis for efforts to conserve and recycle renewable and non-renewable resources.

Performance Indicator		
1. Describe the water cycle, processes involved in the cycle and how the water cycle is an example of a renewable source.		
Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.E.7

Strand: Earth and Space Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Earth and Space Science	Describe the general structure of the solar system, galaxies, and the universe, explaining the nature of the evidence used to develop current models of the universe.

Performance Indicator
<ol style="list-style-type: none"> 1. Identify and describe vocabulary relating to the solar system. 2. Investigate various theories explaining the origins of the universe.

Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.E.8

Strand: Earth and Space Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Earth and Space Science	Using past and current models of the structure of the solar system, explain the daily, monthly, yearly, and long-term cycles of the earth, citing evidence gained from personal observation as well as evidence used by scientists.

Performance Indicator		
1. Diagram relative positions of sun, moon, and earth as they relate to the solar system.		
Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.F.1

Strand: Life and Environmental Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Life and Environmental Sciences	Understand the structure and function of cells, organs, tissues, organ systems, and whole organisms.

Performance Indicator		
1. Identify, compare and contrast parts of living things.		
Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.F.4

Strand: Life and Environmental Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Life and Environmental Sciences	Investigate and explain that heredity is comprised of the characteristic traits found in genes within the cell of an organism.

Performance Indicator
1. Investigate the history of genetics and understand the concepts of modern genetics.

Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.F.5

Strand: Life and Environmental Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Life and Environmental Science	Show how different structures both reproduce and pass on characteristics of their group.

Performance Indicator		
<ol style="list-style-type: none"> 1. Observe and evaluate inheritance patterns in humans and other organisms. 2. Recognize the process of changes in species over time and natural selection. 3. Explain how one-celled and multi-celled organisms reproduce. 		
Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.F.7

Strand: Life and Environmental Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Life and Environmental Science	Understand that an organism's behavior evolves through adaptation to its environment.

Performance Indicator		
1. Explain how limiting factors affect plant and animal behaviors.		
Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.F.8

Strand: Life and Environmental Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Life and Environmental Science	Show through investigations how organisms both depend on and contribute to the balance or imbalance of population and/or ecosystems, which in turn contribute to the total system of life on the planet.

Performance Indicator		
<ol style="list-style-type: none"> 1. Recognize that the number of organisms an ecosystem can support depends on the biotic and abiotic resources available. 2. Discover how organisms interact in an ecosystem. 3. Observe that some activities practiced by humans can accelerate changes in the natural environment. 		
Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7F.9

Strand: Life and Environmental Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Life and Environmental Science	Explain how some of the changes on the earth are contributing to changes in the balance of life and affecting the survival or population growth of certain species.

Performance Indicator		
1. Explain how natural changes and diversity affect an ecosystem.		
Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.F.10

Strand: Life and Environmental Science

Diocesan Standard Terra Nova Objective	Benchmark Statement
Life and Environmental Science	Project how current trends in human resource use and population growth will influence the natural environment, and show how current policies affect those trends.

Performance Indicator
1. Examine the influence that humans have on the natural environment.

Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.G.1

Strand: Science Applications

Diocesan Standard Terra Nova Objective	Benchmark Statement
Science Applications	Identify and investigate the skills people need for a career in science or technology and identify the academic courses that a person pursuing such a career would need.

Performance Indicator
1. Identify the skills needed to pursue careers in biological or health related fields.

Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.G.2

Strand: Science Applications

Diocesan Standard Terra Nova Objective	Benchmark Statement
Science Applications	Explain how current scientific and technological discoveries have an influence on the work people do and how some of these discoveries also lead to new careers.

Performance Indicator
1. Recognize and relate the importance of new technologies in life science and medical fields.

Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.G.3

Strand: Science Applications

Diocesan Standard Terra Nova Objective	Benchmark Statement
Science Applications	Illustrate the impact that science and technology have had both good and bad, on careers, systems, society, environment and quality of life.

Performance Indicator
1. Describe the impacts of other technologies on living systems.

Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.G.4

Strand: Science Applications

Diocesan Standard Terra Nova Objective	Benchmark Statement
Science Applications	Propose design (or re-design) of an applied science model or a machine that will have an impact in the community or elsewhere in the world and show how the design (or re-design) might work, including potential side-effects.

Performance Indicator		
1. Demonstrate the interrelationships between science and technologies by creating or designing an object based on the grade level curriculum.		
Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.G.7

Strand: Science Applications

Diocesan Standard Terra Nova Objective	Benchmark Statement
Science Applications	Show evidence of how science and technology are interdependent, using some examples drawn from personally conducted investigations.

Performance Indicator
1. Use the internet and other available resources to identify new technologies and predict future possibilities.

Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.H.1

Strand: Social and Personal Perspectives

Diocesan Standard Terra Nova Objective	Benchmark Statement
Social and Personal Perspectives	Evaluate the scientific evidence used in various media (for example, television, radio, Internet, popular press, and scientific journals) to address a social issue, using criteria of accuracy, logic, bias, relevance of data and credibility of sources.

Performance Indicator		
1. Demonstrate that the natural environments contain substances harmful to living organisms.		
Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.H.2

Strand: Social and Personal Perspectives

Diocesan Standard Terra Nova Objective	Benchmark Statement
Social and Personal Perspectives	Present a scientific solution to a problem involving earth and space, life and environmental or physical sciences and participate in a consensus-building discussion to arrive at a group decision.

Performance Indicator		
1. Experiment and explain how some activities practiced by humans can accelerate natural changes.		
Suggested Activities	Assessment	Resources

Diocese of Jefferson City Curriculum Guide

Content Area: Science
 Grade Range: Seventh Grade
 Section/Heading: 7.H.3

Strand: Social and Personal Perspectives

Diocesan Standard Terra Nova Objective	Benchmark Statement
Social and Personal Perspectives	Understand the consequences of decisions affecting personal health and safety.

Performance Indicator
1. Identify the consequences of altering the genetic make-up of naturally occurring systems.

Suggested Activities	Assessment	Resources