



GRADE 3 PROJECT TIME LEARNING OUTCOMES AND UNIT GUIDE

Who We Are

An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social and spiritual health; human relationships including families, friends, communities, and cultures; rights and responsibilities; what it means to be human.

Central idea: Cultures influence communities.

Lines of inquiry: Daily life in communities Cultures and traditions Diversity How rocks and soils are used in different place

Life Systems: Plant Growth & Changes (PL)

Investigate the growth and development of plants, including the conditions necessary for germination.

Social Studies: Interactions and Interdependence of Nations (IN)

Analyze daily life in a diversity of communities in the USA and around the world.

Analyze the cultures and traditions in communities studied.

Where We Are in Place and Time

An inquiry into orientation in place and time; personal histories; homes and journeys; the discoveries, explorations and migrations of humankind; the relationships between and the interconnectedness of individuals and civilizations, from local and global perspectives.

Central idea: Humans impact the environment and those around them.

Lines of inquiry: Creation and distribution of wealth Interdependence of communities Survival of organisms

Earth & Space Science : Weather (WE)

Measure and represent local weather, including temperature, wind speed and direction, amount of sunlight, precipitation, relative humidity, and cloud cover.

Investigate local, national, and global weather conditions, including the role of air movement and solar energy transfer.

Analyze the impact of weather on society and the environment,

Social Studies: Dynamic Relationships (DR)

Use various model representations of the Earth.

Assess the degree to which the geography and related environmental and climatic factors influence ways of living on and with the land in American communities and locally.

Compare the beliefs of various communities in the USA and around the world regarding living on and with the land.

SS: Interactions and Interdependence of Nations (IN)

Illustrate examples of interdependence of communities.

How We Express Ourselves

An inquiry into the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values; the ways in which we reflect on, extend and enjoy our creativity; our appreciation for the aesthetic.

Central idea: Change occurs when people see problems and create solutions.

Lines of inquiry: Decision making Viewpoints Conflict and conflict resolution

Physical Science: Energy & Matter (EM)

Recognize that molecules and atoms exist.
Energy and matter have multiple forms and can be changed from one form to another.

Social Studies: Power and Authority (PA)

Compare how decisions are made in the local USA communities and communities studied.

Demonstrate awareness that divergent viewpoints may lead to conflict as part of group interactions, and assess various means of conflict resolution.



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How the World Works

An inquiry into the natural world and its laws; the interaction between the natural world (physical and biological) and human societies; how humans use their understanding of scientific principles; the impact of scientific and technological advances on society and on the environment.

Central idea: Our home planet is unique in the solar system.

Lines of inquiry: Objects in the solar system Earth's rotation Gravity's pull Wants and needs Properties and material used in structures Technology

Earth & Space Science: Objects in Space (OS)

Physical Science: Structures and Materials (SM)

Social Studies: Resources and Wealth (RW)

Objects in the sky move in regular and predictable patterns.

Investigate properties of materials and methods of joinery used in structures.
Assess the function and characteristics of strong, stable, and balanced natural and human-built structures.

Appraise the ways communities, including those in the USA, meet their members' needs and wants.
Evaluate the ways in which technologies have impacted daily life in various communities.

How We Organize Ourselves

An inquiry into the interconnectedness of human-made systems and communities; the structure and function of organizations; societal decision-making; economic activities and their impact on humankind and the environment.

Central idea: Humans interact with their environments and create communities to meet their needs.

Lines of inquiry: Producers and consumers of a working community The need for imports and exports Characteristics of communities Types of environments and their purposes

Life Systems: Adaptions (AD)

Resources and Wealth (RW)

Recognize that physical structure or behavior may improve an organism's chance for survival.

Analyze the creation and distribution of wealth in communities studied.

Sharing the Planet

An inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living things; communities and the relationships within and between them; access to equal opportunities; peace and conflict resolution.

Central idea: Plants are a natural resource and serve a purpose in our lives.

Lines of inquiry: Function of plants Plant survival and stages of plant growth Sustainability of natural resources Various effects on the environment

Life Systems: Plant Growth & Changes (PL)

Power and Authority (PA)

Analyze the interdependence among plants, individuals, society, and the environment.

Make generalizations about the purpose and intent of documents that define the rights of children.