

International Baccalaureate Primary Years Programme of Inquiry



Year 6

Migration is a response to challenges,

Effects of migration on communities, cultures and

Creating and responding to the arts

ourselves and the world around us.

How the arts can reflect societal values and issues

develops our understandings of

RELATED CONCEPTS

Consequences

risks and opportunities.

The reasons for migration

Migration through history

INQUIRY INTO

KEY CONCEPTS

Perspective

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.

Where we are in place and time

An inquiry into orientations 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.

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 of the

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.

How we organise ourselves

An inquiry into the interconnectedness of humanmade systems and communities; the structure and function of organisations; societal decisionmaking; economic activities and their impact on humankind and the environment.

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

Pre-Kindy

Family relationships contribute to People connect through relationships, shaping our identity. interests and experiences.

 Physical, social and emotional characteristics Diversity of families Roles and responsibilities within the family Similarities and differences between ourselves and others How families influence our identity RELATED CONCEPTS

Similarities and

Differences

Through play we express our

feelings and ideas and come

Through the process of investigation,

How questions and wonderings can be used to

KEY CONCEPTS RELATED CONCEPTS

• Evidence

Curiosity

Discovery

we discover new understandings.

How we use our senses for observation

People play different roles in the

Various communities we belong to

How communities are organised

communities to which they belong.

Roles of people who are part of our community

KEY CONCEPTS RELATED CONCEPTS

Community

RELATED CONCEPTS

to new understandings.

Communication through play

Imaginative use of resources

The role of play in learning

INQUIRY INTO

Function

Connection

Perspective

INQUIRY INTO

Function

Causation

INQUIRY INTO

inquire into our world

The process of discovery

 How to form positive relationships RELATED CONCEPTS Identity Connection Similarities and Perspective differences Relationships

People can express their ideas using a

Materials

RELATED CONCEPTS

Structure

Materials have different properties and uses

Plants sustain life on Earth and play a

The structure and life cycle of a plant

Artistic expression communicates ideas

People respond to art in different ways

variety of art forms.

NQUIRY INTO

Function

Perspective

role in our lives.

NQUIRY INTO

Caring for plants

KEY CONCEPTS

Function

The importance of plants

Kindy

Celebrations and traditions are expressions of shared beliefs and

INQUIRY INTO Features of celebrations and traditions Symbolic representations of celebrations and

Pre-Primary

Beliefs Connection Values Culture Perspective

Stories can engage their audience

and communicate meaning.

How stories are created and shared

Stories can express feelings and emotions

The Earth's natural cycles influences

The actions people take in response to Earth's

Patterns of behaviour in living things related to

Cycles

Interaction

the activity of living things.

INQUIRY INTO

Natural cycles

natural cycles

Causation

Change

Connectio

Earth's natural cycles

RELATED CONCEPTS

Communication

Meaning

Feelings

How stories communicate ideas

INQUIRY INTO

Perspective

Belonging

Knowledge of family history helps us

Year 1

understand who we are.

 The birthplace of my ancestors and my family Childhood memories of my parents and Personal stories and how these are captured

Interpreting artefacts can lead to

The ways in which people interpret artefacts

People's beliefs and values can be

How the elements combine to create an effective

How people interpret the values and beliefs in a

The different ways narratives can be communicated

Exploring how light and sound works

can lead to new understandings and

RELATED CONCEPTS

Narrative

Communication

Interpretation

communicated and interpreted

through various forms.

INQUIRY INTO

Function

Connection

Perspective

possibilities.

INQUIRY INTO

Function

meet needs.

INQUIRY INTO

changing needs

Function

Change

Transportation systems

Light and sound as forms of energy

The use of scientific thinking in everyday life

Communities create systems to

Decisions involved in using transportation

How systems of transportation respond to

Energy

Transformation

Application

Transformation of energy

Artefacts

Discovery

Interpretation

The common features of artefacts

present.

Connectio

Perspective

INQUIRY INTO

new discoveries about the past and

RELATED CONCE Causation Family

The choices people make affect their health and wellbeing.

Year 2

settlements.

INQUIRY INTO

Causation

Connection

ideas.

Causation

Perspective

INQUIRY INTO

respond creatively

people use them.

Properties of materials

Changing behaviour of materials

Public spaces provide people with

establish a sense of community.

Community connections in public spaces

Community and individual responsibilities when

Community

Environment

Participation

INQUIRY INTO

using public spaces

Function

Connection

Responsibilit

resources.

Functions of public spaces

opportunities to make connections and

INQUIRY INTO

Function

Change

How individuals use creativity

Variability of physical geography

 What it means to have a balanced lifestyle How the choices we make affect our health How maintaining wellbeing can be achieved through a balanced approach

RELATED CONCEPTS Choice Influence

The Earth's physical geography has

an impact on human interactions and

The relationship between location and settlement

Creativity can be used to extend our

The diverse ways in which people think and

Materials behave and interact in

certain ways, which determine how

Manipulation and application of materials to new

Properties

Behaviour

Discovering and evaluating the creativity around us

Creativity

Diversity

thinking, solve problems and express

Geography

Settlement

Impact of human interaction on the physical

Celebrating diversity can create inclusiveness, respect and a sense of

Year 3

NQUIRY INTO Significance of celebrations and commemorations of cultural groups How beliefs and values shape identity

 How understanding diversity can develop respect and open-mindedness

 Function Beliefs and Values Diversity Perspective

Evidence of past civilizations can be

used to make connections to present

Characteristics of civilizations and societies

Processes involved in collecting, analysing and

Connection between past and present

day societies.

NQUIRY INTO

validating evidence

Connection

ingenuity.

Connection

survive.

Beliefs and values offer explanations about the people around us.

Year 4

 Similarities and differences between belief systems How beliefs and values contribute to the formation and actions of communities The impact of spiritual traditions on society

KEY CONCEPTS RELATED CONCEPTS Diversity Connections • Commitmen Perspective Perception

Events in history shape society.

Year 5

Understanding and nurturing our

wellbeing can build a strong sense of

self and promote healthy relationships.

Our wellbeing, developing a positive sense of self,

How our thoughts, feelings and actions impact on

Being responsible for our learning and interactions

RELATED CONCEPTS

Emotional Intelligence

• Leadership

Discovery

Orientation

Consequences

varied perspectives, contributions and INQUIRY INTO Reasons for exploration

INQUIRY INTO

spirit and belonging

KEY CONCEPTS

Perspective

Responsibility

our relationships with others

INQUIRY INTO Feelings and attitudes associated with exploration The consequences of exploration on individuals The relationship between people, culture and land and communities has historical and contemporary significance KEY CONCEPTS RELATED CONCEPTS

What we have learnt from key events in the past

 Civilizations Evidence Perspective Causation

People can create or manipulate

messages to target specific audiences.

RELATED CONCEPTS

NQUIRY INTO Techniques used to target audiences Critical evaluation of messages presented in the

 The way people respond to messages Techniques

Function Perspective

Structures are designed using scientific principles and human

NQUIRY INTO Types of structures

 Relationship between structure, design and function Application of scientific understanding

(materials and force) Human Ingenuity

Systems of communication may use signs and symbols. INQUIRY INTO

Iconography How visual language facilitates communication Specialised systems of communication

RELATED CONCEPTS KEY CONCEPTS Connection

 Causation Perspective

 The impact of exploration and colonisation upon a group of people

Global societies are diverse, creating

challenges.

Connection

Throughout history, people have

How art works provide insight and information

The role of arts in different cultures, places and

Scientific principles can provide

explanation for phenomenon in the

The role of observation and experimentation in

The way humans use scientific principles to

Technology is used to enhance systems.

Types of technologies used in food and fibre

Role of people in design and technology

Our responsibility as consumers

RELATED CONCEPTS

Aesthetic

Communication

Experimentation

Application

Laws (motion, gravity,

RELATED CONCEPTS

Supply and Demand

Needs and wants

interacted with each other and

communicated using the arts.

Development of art forms over time

INQUIRY INTO

KEY CONCEPTS

natural world.

INQUIRY INTO

INQUIRY INTO

Function

Causation

scientific explanation

The natural world and its laws

understand the natural world

Perspective

Connection

Change

Technology provides a platform for self-expression and creativity.

INQUIRY INTO Different technology platforms and tools Use of technology to enhance creativity

 Communicating through technology KEY CONCEPTS

What leads to advances in scientific understanding

Ingenuity

Algorithms

 Digital Systems Function

Knowledge evolves and can

The role of experimentation in scientific

People use their understanding of

economic principles to design products.

impact society

INQUIRY INTO

understanding

KEY CONCEPTS

Change

Connection

Responsibility

INQUIRY INTO

RELATED CONCEPTS Communication

How learning about the arts develops appreciation

INQUIRY INTO

RELATED CONCEPTS Creativity Connection Perception

The contexts in which art works are created

Bias/Interpretation Perspective

Changes in the Earth have impacts on the way people live their lives.

INQUIRY INTO How the different components of the Earth are interrelated

 Why the Earth has changed and is continuing to The effect of scientific advances on people and the Human response to the Earth's changes

 Causation Geology

Change

Connection

Government systems and decisions can promote or deny equal opportunities and social justice.

INQUIRY INTO Economic principles Factors influencing consumer choices Types of government The design cycle and how it meets the needs of Principles of human rights and social justice

consumers and drives product design KEY CONCEPTS

Systems Function

 Connection Design

RELATED CONCEPTS KEY CONCEPTS Function Causation Government

The effects of government decisions

 Perspective Systems

Biodiversity relies on maintaining the

within systems.

INQUIRY INTO

 Adaptations made by organisms within ecosystems The connection between organisms within ecosystems

interdependent balance of organisms

 Human interaction with the environment and how it affect the balance of systems RELATED CONCEPTS KEY CONCEPTS

Sustainable systems of production

systems of production.

 The safe handling of materials The connection between energy and forces in a RELATED CONCEPTS

Innovation can lead to more sustainable

 Responsibility Function Connection

Animals and people interact in different

• The different roles animals play in people's lives Characteristics of particular animals determines their specific function and needs Our responsibility for the wellbeing of animals

ways and in different contexts.

RELATED CONCEPTS Function Characteristics Connection

Living things and their habitats can be preserved and protected.

 Living things have certain requirements for survival Plants and animals have special features to survive in their habitat Our responsibility to preserve and protect habitats KEY CONCEPTS

Function

Connection

KEY CONCEPTS Needs Causation

People interact with, use and value the natural environment in different ways. INQUIRY INTO

Systems

Sustainability

 Features of a natural environment Human interaction with the natural environment Actions that benefit or harm the natural RELATED CONCEPTS

Interdependence

Balance

Conservation

INQUIRY INTO Earth's finite and infinite resources The impact of people's choices on Earth's resources Practices that help conserve and repurpose Earth's

People can establish practices in order

to preserve and maintain the Earth's

RELATED CONCEPTS Change Resources Perspective

INQUIRY INTO Structural and behavioural adaptations of living

Over time, living things need to adapt to

 Reasons that lead to adaptation • The relationship between living things, their habitat and environmental conditions KEY CONCEPTS RELATED CONCEPTS Change

INQUIRY INTO

 The Earth's finite and infinite resources Distribution and availability of natural resources the use of limited resources

planet's resources.

 The balance between meeting human needs and KEY CONCEPTS RELATED CONCEPTS Conservation

 Connection Perspective

People can create practices to sustain the

Equity

KEY CONCEPTS Connection

INQUIRY INTO