

JAPANESE INTERNATIONAL SCHOOL HONG KONG Programme of Inquiry 2019 – 2020



Transdisciplinary Themes

Who we are



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

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 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 aesthetic.

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 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.

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:

People can learn about themselves, each other and develop relationships through inquiry and play.

Key concepts: form, function, responsibility

Related concepts:

cooperation, relationships, identity

Lines of inquiry

- How we develop relationships through play
- Using the environment for inquiry and play
- How we play together

Transdisciplinary connections PSPE: Identity, Interactions Social Studies: Social Organization and Culture Arts: Creating, Possible SDG connections:4, 5.17

Central Idea:

We use creativity to imagine, express ourselves and solve problems.

Key concepts: function, connection, perspective **Related concepts:**

imagination, invention

Lines of inquiry

- Responding to the creativity of others
- Ways we use our imagination
- Creativity and expression in the arts

Transdisciplinary connections
Arts: Creating, Responding
Science: skills
PSPE: Identity
Possible SDG connections: 8, 17

Central Idea:

People take journeys for different reasons.

Key concepts: form, function, connection Related concepts: network, systems Lines of inquiry

- Features of transport systems
- Decisions used on using transportation
- Journeys we take

Transdisciplinary connections PSPE: Interactions Social Studies: Human systems and economic activities; social organisation and culture Possible SDG connections: 3, 11

Central Idea:

Living things go through a process of change and have certain requirements in order to grow and stay healthy.

Key concepts: change, causation, responsibility Related concepts: classification, living and non-living

Lines of inquiry

- Characteristics of living things
- Our needs and the needs of other living things
- Our responsibility for the well-being of other living things

Transdisciplinary connections PSPE: Interactions **Science:** Living things
Possible SDG connections: 2, 3, 6,12, 13, 14, 15

Who we are Transdisciplinary Themes An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social and spiritual health; human relationships including family, friends, communities and cultures; rights and responsibilities; what it means to be human. Central Idea: Increasing awareness of our personal characteristics and abilities, and those of others, allows our selfidentity to develop. Key concepts: form, perspective, responsibility Related concepts: identity, similarities and differences Lines of inquiry • Physical, social and emotional characteristics • Similarities and differences between ourselves and others Personal abilities and interests Transdisciplinary connections

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PSPE: Identity, Interactions

Arts: Creating and
Responding

Possible SDG connections:3,
5,17

Central Idea:

Documenting personal histories allows us to reflect on who we are and where we've come from.

Key concepts: change, causation, connection Related concepts:

development (growth), family

Lines of inquiry

- Ways of documenting personal history
- Personal change from birth to present: self and family
- Reflecting on the past Transdisciplinary connections PSPE: Identity Social Studies: Social organization and culture; Continuity and change through time Possible SDG connections:

Central Idea:

Storytelling serves many purposes and allows people to express themselves in unique ways.

Key concepts: form, function, perspective Related concepts: storytelling, expression, character

Lines of inquiry

- What is a story
- Why people tell stories
- Feelings and emotions that stories evoke

Transdisciplinary connections PSPE: Identity, Interactions Social Studies: Social organization and culture Arts: Creating, Responding Possible SDG connections:

Central Idea:

Materials behave and interact in certain ways, which determine how people use them.

Key concepts: change, form, causation

Related concepts: behavior, prediction, innovation

Lines of inquiry

- Behaviour of materials
- Changing properties of materials
- Reasons why we manipulate materials

Transdisciplinary connections PSPE: Interactions Science: Materials and matter; Skills Arts: Creating Possible SDG connections: 12

Central Idea:

Plants sustain life on Earth and play a role in our lives.

Key concepts: change, connection, responsibility

Related concepts: interdependence, appreciation

Lines of inquiry

- Caring for plants
- Products we derive from plants
- How plants contribute to life on Earth

Transdisciplinary connections

PSPE: Interactions
Science: Living things
Social Studies: Resources and
the environment
Possible SDG connections:
2,11,12,13,14,15

Note: In line with 2018 PYP Enhancements, Primary 1 are now required to inquire into 4 to 6 Units per year. As a JIS community, we have chosen to concentrate on 5 units for 2010 – 2020. We are weaning out the old key concept of reflection, in line with PYP enhancements.



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Central Idea:

The choices people make have consequences for their health and wellbeing.

Key concepts: causation, responsibility, perspective Related concepts: choice, influence, balance

Lines of inquiry

- What it means to have a balanced lifestyle
- How the choices we make affect our health and well-being
- Different sources of information that help us make choices

Transdisciplinary connections PSPE: Active Living, Science: Living things Possible SDG connections:2, 3,6

Central Idea:

The Earth's physical geography influences where people live **Key concepts:** form, causation, connection **Related concepts:** location, geography **Lines of inquiry**

- Where we live
- Variability of physical geography around the world
- The relationship between location and where people live

Transdisciplinary connections PSPE: Interactions Social Studies: Human and natural environments Possible SDG connections: 2,3,6,10,11

Central Idea:

Writers use poetry to share ideas and connect with others

Key concepts: form, function, perspective

Related concepts: expression, audience, voice

Lines of inquiry:

- Poetry as a form of expression
- Forms and devices in poetry
- Beliefs and values communicated through poetry

Transdisciplinary connections PSPE: Identity, Interactions Arts: Creating, Responding Possible SDG connections:

Central Idea:

People apply their understanding of forces and motion to invent and create. **Key concepts:** function, causation, form **Related concepts:** ingenuity, technology, energy, forces

Experimentation

Lines of inquiry

- Important inventions
- How understanding forces and motion helps inventors

Transdisciplinary connections
PSPE: Interactions
Science: Forces and energy;
Skills

Social Studies: Continuity and change through time Possible SDG connections: 7,8

Central Idea:

Systems are in place to meet the needs of people in a community.

Key concepts: connection, change, function

Related concepts: systems, interconnectedness, production

Lines of inquiry

- Systems within a community
- How systems respond to changing needs in a community
- How people and systems are connected
 PSPE: Interactions

Transdisciplinary connections Social Studies: Human systems and economic activities; social organisation and culture Possible SDG connections: 1,2,36,9, 10, 16, 17

Central Idea:

People can make choices to support the sustainability of the Earth's resources

Key concepts: perspective, responsibility, form **Related concepts:** lifestyle,

resources, waste

Lines of inquiry

- Earth's renewable and non-renewable resources
- The impact of people's choices on the environment
- The balance between meeting human needs and the use of limited resources

Transdisciplinary connections PSPE: Interactions Science: Earth and space Social Studies: Resources and environment Possible SDG connections: 2, 6,711,,12,13,14,15,17



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Central Idea:

Beliefs and values are part of people's identity and can affect how they act. **Key concepts:** perspective, connection, causation **Related concepts:** beliefs, identity, values **Lines of inquiry**

- What we believe and value
- How beliefs and values can influence the way we behave
- The impact of spiritual and social traditions on society

Transdisciplinary connections PSPE: Identity, Interactions Social Studies: Social organization and culture Arts: Creating, Responding Possible SDG connections: 4,5,10,

Central Idea:

Exploration leads to discoveries, opportunities and new understandings. **Key concepts:** connection, change, perspective **Related concepts:** consequences, discovery, impact

- Lines of inquiry
- Types of exploration
 Choices and decisions involved in exploration
- The impact of exploration on the world

Transdisciplinary connections
PSPE: Interactions
Social Studies: Continuity and
change through time
Possible SDG connections: 8,17

Central Idea:

Through the arts people use different forms of expression to convey their uniqueness as human beings.

Key concepts: function, perspective, form

Related concepts: perception, self-expression, interpretation Lines of inquiry

- The diverse ways in which people express themselves
- The role of art in culture and society
- How people respond to the arts

Transdisciplinary connections

Arts: Creating, Responding PSPE: Identity Social Studies: Social organization and culture Possible SDG connections:

JOINED UNIT WITH P4 (on AB rotation. This unit 2019-2020)

Central Idea:

The Earth's position in the Universe enables it to support life **Key concepts:** form, connection, causation

Related concepts: geology, phenomena, astronomy Lines of inquiry

- Earth's position in the Universe
- How scientists know about the Universe
- How systems and phenomena in the Universe are connected

Transdisciplinary connections Science: Earth and Space;

Skills
Social Studies: Human and natural environments;
Resources and the environment
PSPE: Interactions
Possible SDG connections: 12

Central Idea:

The value of goods and services helps to determine the economic activities of individuals.

Key concepts: function, responsibility, perspective Related concepts: value, goods and services, exchange

Lines of inquiry

- The exchange of goods and services
- How personal values affect consumerism
- How consumer choices impact humankind and the environment

Transdisciplinary connections

PCPE: Identity Interactions

PSPE: Identity, Interactions **Social Studies:** Human systems and economic activities **Possible SDG connections:** 1,3,8,9,10,12,17

Central Idea:

Human interactions with nature have consequences on living things.

Key concepts: causation, change, responsibility

Related concepts: habitat, interdependence, adaptations

Lines of inquiry

- Balance between rights and responsibilities when interacting with natural habitats
- Impact of human choice on natural habitats
- How living things respond to changing environmental conditions

Transdisciplinary connections

PSPE: Interactions
Science: Living things
Social Studies: Human
and natural
environments;
resources and the
environment
Possible SDG connections: 8,
12,13, 14, 15



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Central Idea:

The effective interactions between human body systems contribute to health and survival.

Key concepts: function, connection, responsibility

Related concepts:

interdependence, health, homeostasis

Lines of inquiry

- Body systems and how they work
- How body systems are interdependent
- Impact of lifestyle choices on the body

Transdisciplinary connections PSPE: Active living Science: Living things; skills Possible SDG connections: 3

Central Idea:

People's ideas and actions can cause a shift in thinking and change the course of history.

Key concepts: connection, perspective, causation Related concepts: history, ideas

- Lines of Inquiry
- The impact of individuals on society
- How history affects the present
- Ideas and actions that have personally affected us

Transdisciplinary connections PSPE: Identity, Interactions Social Studies: Continuity and change through time Possible SDG connections: 17

Central Idea:

Throughout history, people have interacted with each other and communicated using arts.

Key concepts: change, connection, perspective

Related concepts: communication, pattern Lines of inquiry

- How people communicate through arts
- How art works provide insight and information
- The role of arts in different cultures, places and times
- Development of art forms over time

Transdisciplinary connections

Arts: Creating, Responding PSPE: Identity, Interactions Social Studies: Continuity and change through time

Possible SDG connections:

JOINED UNIT WITH P4 (on AB rotation. This unit 2020-2021)

Central Idea:

Natural materials can undergo changes that may provide challenges and benefits for society and the environment.

Key concepts: form, change, causation

Related concepts:

sustainability, transformation, industrialization Lines of inquiry

Adaptation of materials

- Scientific principles related to changing states of matter
- How societies take advantage of and control the properties of materials

Transdisciplinary connections

PSPE: Interactions **Science:** Materials and matter; skills

Social Studies: Human and natural environments; Resources and the environment

Arts: Creating Possible SDG connections: 11,12, ,13

Central Idea:

People create organizations to solve problems and support human endeavour and enterprise.

Key concepts: function, change, responsibility

Related concepts: work, collaboration, service Lines of inquiry

- Purpose of organizations
- Why people join organizations
- Strategies for problem solving within an organization
- What makes an organization successful and responsible

1.3.4.6, 8, 9, 10, 12, 14, 15,17

Transdisciplinary connections
PSPE: Identity,
Interactions
Social Studies: Human
systems and
economic activities
Possible SDG connections:

Central Idea:

Actions impact children's rights and opportunities. **Key concepts:** form, perspective, causation **Related concepts:** equality, rights, resilience

Lines of Inquiry

- Circumstances that determine an individual's access to opportunities
- The rights of children around the world
- How actions can support or deny access to opportunities

Transdisciplinary connections PSPE: Identity, Interactions Social Studies: Social organization and culture; Human systems and economic activity Possible SDG connections:1,3,4,5, 7, 10, 16, 17

2

Primary

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Central Idea:

People's cultural background has an impact on their beliefs, values and actions.

Key concepts: form, connection, perspective Related concepts: interpretation, identity, diversity

Lines of inquiry

- What constitutes culture
- How people use different experiences to inform their perspectives
- The connection between beliefs and values, and the actions taken in response to them

Transdisciplinary connections PSPE: Identity, Interactions Social Studies: Social organization and culture Arts: Creating, Responding Possible SDG connections: 4, 5,

Central Idea:

Human migration is a response to challenges, risks and opportunities. **Key concepts:** change,

Key concepts: change, causation, connection
Related concepts: settlement, population, refugees
Lines of inquiry

- The reasons why people migrate
- Migration throughout history
- The effects of migration on communities, cultures and individuals

Transdisciplinary connections PSPE: Identity, Interactions Social Studies: Continuity and change through time; Social organization and culture; Human systems Possible SDG connections: 1, 3,4,5,8, 10, 16

Central Idea:

Creating and responding to art develops understanding of ourselves and the world around us.

Key concepts: function, perspective, reflection Related concepts: creativity, perception, bias/interpretation

Lines of inquiry

- How arts can be a reflection of societal values and issues
- The contexts in which artworks were created
- How learning about arts develops appreciation
- Personal preference in appreciation of arts

Transdisciplinary connections Arts: Creating, Responding PSPE: Identity, Interactions Social Studies: Social organisation and culture Possible SDG connections:

Central Idea:

The design of buildings and structures is dependent upon environmental factors, human ingenuity and available materials. **Key concepts:** form,

function, connection Related concepts: design, technology, sustainability.

Lines of inquiry

- Considerations to take into account when building a structure
 The impact of
- buildings and structures on the environment Local architecture and its connection with the needs of the community and availability of materials Transdisciplinary connections PSPE: Interactions

Science: Forces and energy; Materials and matter; Skills Social Studies: Human and natural environments; Resources and the environment

Possible SDG connections: 7, 9,11, 12, 13

Joined unit with P6 on an

Joined unit with P6 on an AB rotation. This Unit 2019 – 2020.

Central Idea:

Economic systems influence individuals and organizations in societies. **Key concepts:** function, connection, responsibility **Related concepts:** trade, supply and demand globalization

Lines of Inquiry

- Different types of economic systems
- Globalization and market force
- Innovation and ethics in economic systems

Transdisciplinary connections
PSPE: Interactions
Social Studies: Human
systems and economic
activities
Possible SDG connections:
8,9,10,12

Central Idea:

The choices made about how energy is used affect the sustainability of the planet. **Key concepts:** function, causation, responsibility **Related concepts:** renewable, impact, sustainability

Lines of inquiry

- Types and uses of energy
- How reliance on energy affects the planet
- Sustainable use of energy

Transdisciplinary connections PSPE: Interactions Science: Forces and energy,

Social Studies: Resources and the environment Possible SDG connections: 7,11, 12,13,14,15,17



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Central Idea:

The evolving sense of self is a response to different stages of people's lives. **Key concepts:** function, change, responsibility **Related concepts:** image, well-being, reproduction **Lines of inquiry**

- The physical changes that occur through puberty
- Factors that contribute to wellbeing during adolescence
- Personal coping strategies

Transdisciplinary connections PSPE: Identity, Active Living, Interactions Science: Living things Possible SDG connections: 3,5

Central Idea

Civilisations connect with one another

Key concepts: form, connection, reflection

Related concepts: continuity, progress, validity

Lines of inquiry

- Characteristics of civilizations and societies
- Interconnectedness of civilizations
- Collecting, analysing and validating evidence

Transdisciplinary connections
PSPE: Interactions
Social Studies: Continuity
and change through
time; Social
organization and
culture
Possible SDG connections: 4.1

Possible SDG connections: 4, 11, 17

Central Idea:

Actions are influenced by messages through different media.

Key concepts: function, perspective, change Related concepts: media, advertising, propaganda

Lines of inquiry

- How images, text and music are used to influence
- behaviour of target audiences
- Critical evaluation of messages presented in the

media

How people respond to messages

Transdisciplinary connections **PSPE:** Identity, Interactions

Arts: Creating, Responding

Social Studies: Social organization and culture Possible SDG connections: 5

Central Idea:

Scientists observe, experiment and work methodically to make sense of the world.

Key concepts: change, causation, responsibility Related concepts: ingenuity, progress, ethics Lines of inquiry

- How to conduct a fair test
- Data collection
- Interpreting evidence and drawing conclusions

Transdisciplinary connections
PSPE: Interactions
Science:; Materials and
matter; Forces and energy;
Skills
Possible SDG connections: 7.9,

Joined unit with P6 on an AB rotation. This unit 2020-2021

Central Idea:

Communities are created through different roles and responsibilities

Key concepts: connection, responsibility, function. Related concepts: Cooperation,

organisation, roles and rules.

Lines of inquiry

- How people operate in groups
- Leadership
- Local and global communities

Transdisciplinary connections Human systems and economic activities. Social organization and culture **PSPE**: Interactions Possible SDG connections: 1, 48,11,12,17

Central Idea:

Actions and reactions impact peace and conflict **Key concepts:** causation, responsibility, perspective **Related concepts:** peace, reconciliation, grief

Lines of inquiry

- Cause of conflict (local and global)
- Human rights and equity
- Strategies used to resolve conflict
- Consequences of resolutions

Transdisciplinary connections
PSPE: Interactions, Identity
Social Studies: Social
organization and culture
Possible SDG connections: 4, 10,
16