

HK KS2 CURRICULUM CORRELATION MATRIX

Our Living World Series

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HK KS2 CURRICULUM CORRELATION MATRIX

Our Living World Series

This correlation matrix demonstrates how the “Our Living World” series aligns with the Hong Kong curriculum for Key Stage 2 students (ages 8-11), supporting inquiry-based learning approaches while addressing local environmental contexts.

Hong Kong Curriculum Framework Integration

The Hong Kong curriculum for Key Stage 2 emphasises:

- General Studies(with Environmental Education as a key component)
- Science Education KLA(Key Learning Area)
- STEM Education(integrated approach)
- Values Education(responsibility toward environment)
- PSHCE(Personal, Social, Health and Citizenship Education)

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Core Curriculum Matrix

Hong Kong KS2 Curriculum Areas	Environmental Pollution	Plastic Pollution	The Environment & Eco-Systems
General Studies: Strand 2 (People and Environment)	✓✓✓	✓✓✓	✓✓✓
General Studies: Strand 6 (Natural World & Sustainable	✓✓✓	✓✓	✓✓✓
Science Education KLA: Living Things & The Environment	✓✓	✓	✓✓✓
STEM Education: Real-world Problem Solving	✓✓	✓✓✓	✓✓
Values Education: Care for the Environment	✓✓✓	✓✓✓	✓✓
Moral & Civic Education: Community Responsibility	✓✓	✓✓✓	✓
Language Across Curriculum	✓✓	✓✓	✓✓

Key: ✓ = Supports curriculum area, ✓✓ = Strong alignment, ✓✓✓ = Comprehensive coverage

PSHCE CURRICULUM ALIGNMENT

PSHCE Curriculum Areas	Environmental Pollution	Plastic Pollution	The Environment & Eco-Systems
Personal Development & Responsibility	√√√	√√√	√√
Health & Environmental Awareness	√√√	√√	√√
Social Responsibility	√√	√√√	√√
Active Citizenship	√√	√√√	√√
Community Engagement	√√	√√√	√√
Decision Making & Choices	√√√	√√√	√
Global Awareness	√√√	√√	√√√

Key: √ = Supports curriculum area, √√ = Strong alignment, √√√ = Comprehensive coverage

PSHCE THEMES IN OUR LIVING WORLD SERIES

Book 1: Environmental Pollution

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Book Content	PSHCE Connection	Learning Opportunities
What is pollution	Health & Environmental Awareness: Understanding environmental factors affecting wellbeing	Identifying personal health impacts of pollution
Climate change in Hong Kong	Global Awareness: Understanding global issues with local impacts	Connecting personal choices to global outcomes
Environmental issues in Hong Kong	Active Citizenship: Developing a sense of responsibility for local environment	Community-based environmental initiatives
How you can help prevent climate change	Personal Development & Responsibility: Taking individual action	Setting personal environmental goals
My Earth Pledge	Decision Making & Choices: Making positive choices for sustainability	Personal commitment to environmental action
Waste management systems in Hong Kong	Social Responsibility: Understanding community systems	Participating in community recycling efforts
Renewable Energy	Active Citizenship: Advocating for sustainable solutions	Projects promoting renewable energy awareness



Book 2: Plastic Pollution

Book Content	PSHCE Connection	Learning Opportunities
Plastic Pollution	Health & Environmental Awareness: Understanding impacts on ecosystem and human health	Investigating health impacts of plastic pollution
Plastic Pollution in Hong Kong	Community Engagement: Local environmental stewardship	School or neighborhood clean-up projects
10 Ways You Can Help Prevent Plastic Pollution	Personal Development & Responsibility: Individual action for collective impact	Creating personal plastic reduction plans
Refuse, Reduce, Reuse, Recycle	Decision Making & Choices: Making sustainable choices	Consumer choices and waste reduction activities
7 Single-Use Swaps	Personal Development & Responsibility: Making lifestyle changes	Tracking personal plastic reduction
My Plastic Pledge	Active Citizenship: Personal commitment to community benefit	Goal setting and achievement tracking
The Plastic Ban in Rwanda	Global Awareness: Understanding international approaches	Comparing different policy approaches
WEEE.Park	Community Engagement: Understanding local facilities	Community recycling projects

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Book 3: The Environment & Ecosystems

Book Content	PSHCE Connection	Learning Opportunities
What is an Ecosystem?	Global Awareness: Understanding interconnected systems	Exploring ecosystem dependencies
Your School's Ecosystem	Community Engagement: Local environment appreciation	School environment improvement projects
Biodiversity	Global Awareness: Appreciating diversity in nature and society	Exploring biodiversity in local contexts
Hong Kong's Unique Ecosystems	Community Engagement: Local natural heritage appreciation	Field trips to local natural areas
Green Spaces in the City	Social Responsibility: Shared spaces and community wellbeing	Community garden or green space projects
Sustainable Transportation in Hong Kong	Active Citizenship: Sustainable lifestyle choices	Transportation surveys and alternatives
Humans' Impact on the Environment	Social Responsibility: Understanding collective impact	Debates on balancing development and conservation
Create Your Own Ecosystem	Personal Development & Responsibility: Nurturing and care	Growing projects and ecosystem stewardship
My Earth Pledge	Active Citizenship: Personal commitment to wider benefit	Environmental action planning

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DETAILED CONTENT CORRELATION WITH CORE CURRICULUM

Book 1: Environmental Pollution

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Book Content	HK Curriculum Connection	Local Context	Inquiry-Based Learning Opportunities
What is pollution	GS Strand 6: Understanding natural phenomena	General concept applicable globally	Observing different types of pollution around school
Air pollution	GS Strand 6: Impact of human activities on the environment	HK's air quality issues and AQI readings	Measuring and tracking local air quality
Water pollution	GS Strand 6: Water resources	Victoria Harbour water quality, local beaches	Water testing experiments
Land Pollution	GS Strand 6: Conservation of the environment	HK landfill challenges	Soil testing activities
Climate change in Hong Kong	GS Strand 6: Global climate change	Local temperature patterns, extreme weather events	Weather data collection and analysis
Environmental issues in Hong Kong	GS Strand 2: Living environment	Direct local relevance	Community surveys and interviews
Waste management systems in Hong Kong	GS Strand 2: Community facilities	Green@Community, T.Park operations	Waste audit activities
T.Park	STEM: Innovative solutions	HK-specific waste-to-energy technology	Virtual/physical field trips
Renewable Energy	GS Strand 6: Energy and the environment	HK's renewable energy initiatives	Design challenges for renewable energy solutions

DETAILED CONTENT CORRELATION WITH CORE CURRICULUM

Book 2: Plastic Pollution

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Book Content	HK Curriculum Connection	Local Context	Inquiry-Based Learning Opportunities
What is plastic?	Science KLA: Materials and their properties	Everyday materials in student environment	Material testing experiments
The History of Plastic	GS Strand 6: Changes in daily life	Historical development of materials	Timeline creation activities
Microplastics	Science KLA: Environmental impacts	Marine microplastics around HK waters	Microplastic identification in water samples
Plastic Pollution	GS Strand 6: Environmental problems	HK beaches and waterways pollution	Beach cleanup and data collection
Plastic Pollution in Hong Kong	GS Strand 2: Living environment challenges	Direct local relevance to students	Neighborhood waste audits
WEEE.Park	STEM Education: Technology solutions	HK-specific e-waste processing facility	Virtual/physical field trips
Refuse, Reduce, Reuse, Recycle	Moral & Civic Education: Environmental responsibility	HK recycling systems and challenges	Design thinking for waste reduction
Biodegradable Alternatives	Science KLA: Materials and properties	Available alternatives in HK market	Material testing experiments
My Plastic Pledge	Values Education: Personal commitment	Individual action in local context	Personal goal setting and tracking

DETAILED CONTENT CORRELATION WITH CORE CURRICULUM

Book 3: The Environment & Ecosystems

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Book Content	HK Curriculum Connection	Local Context	Inquiry-Based Learning Opportunities
What is an Ecosystem?	Science KLA: Living things and their environment	Basic ecological concepts	Ecosystem modeling activities
Your School's Ecosystem	Science KLA: Living things in the environment	Immediate school environment	School biodiversity surveys
Food Chains	Science KLA: Interactions in the environment	Basic ecological principles	Food web modeling activities
Biomes and Ecosystems	GS Strand 6: The natural environment	Global context for local ecosystems	Comparison studies
Hong Kong's Unique Ecosystems	GS Strand 6: Local environment features	Mai Po Marshes, country parks, marine parks	Field studies and observations
Green Spaces in the City	GS Strand 2: Living environment	Urban parks and green roofs in HK	Green space design activities
Sustainable Transportation in Hong Kong	GS Strand 2: Community facilities	MTR, trams, electric buses	Transportation surveys and planning
Humans' Impact on the Environment	GS Strand 6: Sustainable development	Local development vs. conservation issues	Case studies and debates
Create Your Own Ecosystem	STEM Education: Application of knowledge	Container gardening appropriate for HK	Garden design and maintenance

INQUIRY-BASED LEARNING FRAMEWORK

- Tuning In: Introductory chapters establish core concepts
- Finding Out: Fact-based chapters provide essential information
- Sorting Out: Categorisation sections (types of pollution, ecosystems)
- Going Further: Hong Kong-specific sections connect global concepts to local context
- Making Conclusions: Impact sections show the consequences of environmental issues
- Taking Action: Final chapters and pledges encourage personal responsibility

PSHCE AND ENVIRONMENTAL EDUCATION INTEGRATION

The “Our Living World” series effectively integrates environmental education with PSHCE through:

Personal Responsibility Framework

- “My Pledge” sections in each book encourage personal commitments
- Emphasis on individual actions that contribute to collective improvement
- Development of critical thinking about consumption choices

Social Awareness Development

- Community-based solutions highlighted in local context sections
- Exploration of shared resources and responsibilities
- Understanding of the social impacts of environmental issues

Citizenship Skills Building

- Opportunities for active participation in environmental initiatives
- Development of advocacy skills through suggested activities
- Understanding of governance and policy (e.g., Rwanda plastic ban, HK initiatives)

Health Connections

- Links between environmental quality and personal well-being
- Understanding of the health impacts of pollution
- Focus on creating healthier communities through environmental action

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CROSS-CURRICULAR CONNECTIONS

Book Content	HK Curriculum Connection	Local Context	Inquiry-Based Learning Opportunities
What is pollution	GS Strand 6: Understanding natural phenomena	General concept applicable globally	Observing different types of pollution around school
Air pollution	GS Strand 6: Impact of human activities on the environment	HK's air quality issues and AQI readings	Measuring and tracking local air quality
Water pollution	GS Strand 6: Water resources	Victoria Harbour water quality, local beaches	Water testing experiments
Land Pollution	GS Strand 6: Conservation of the environment	HK landfill challenges	Soil testing activities
Climate change in Hong Kong	GS Strand 6: Global climate change	Local temperature patterns, extreme weather events	Weather data collection and analysis

ASSESSMENT OPPORTUNITIES

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The content supports various assessment approaches:

Formative Assessment:

- KWL charts about environmental topics
- Ecosystem modelling and identification
- Pollution cause-and-effect mapping

Summative Assessment:

- Action projects (plastic reduction, ecosystem creation)
- Environmental impact reports
- Solution design challenges

Self-Assessment:

- "My Pledge" completion and reflection
- Personal environmental impact audits
- Action plan development and tracking