Adaptation of Systems Thinking in the K-12 International Baccalaureate Program

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International Baccalaureate (IB)

- For over 50 years, more than 1.95 million students in over 5,500 schools across 159 countries.
- Educational programmes to students aged 3 to 19.
- Critical thinking and building problem-solving skills, encouraging diversity, international mindedness, curiosity

https://www.ibo.org/about-the-ib/
Primary Years Programme (PYP)

• For children aged 3 - 12 nurtures and develops young students as caring, active participants in a lifelong journey of learning.

• Inquiry-based, transdisciplinary curriculum framework that builds conceptual understanding.

• Inquirer - transformative experience

• Guided by six transdisciplinary themes of global significance.

https://www.ibo.org/
International Baccalaureate Primary Years Programme (IB - PYP)

Themes

Key Concepts

Learner Profiles
Systems Thinking and IB-PYP Key Concepts

- Form
- Change
- Function
- Connection
- Responsibility
- Perspective
Theme
An exploration of rights and responsibilities in the struggle to share finite resources with other people; access to equal opportunities, peace and conflict resolution.

Central Idea: We have responsibilities to ourselves and to other living things.

Lines of Inquiry:
1. We protect the natural life.
2. We are conscious consumers.
3. The World We Left Behind.

Key Concepts: Connection – Responsibility – Causation
**Theme**

An exploration of rights and responsibilities in the struggle to share finite resources with other people; access to equal opportunities, peace and conflict resolution.

**Central idea:**
We have responsibilities to ourselves and to other living things.

**Lines of Inquiry:**
1. We protect the natural life.
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**Key Concepts:** Connection–Responsibility–Change
Theme
An inquiry into the nature of 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: Sharing and being sensitive regulate people’s relations with their environment.

Lines of Inquiry:
1. The importance of sharing
2. The importance of caring
3. Human relations

Key Concepts: Causation-Responsibility - Function
Thank You For Your Attention!

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