

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

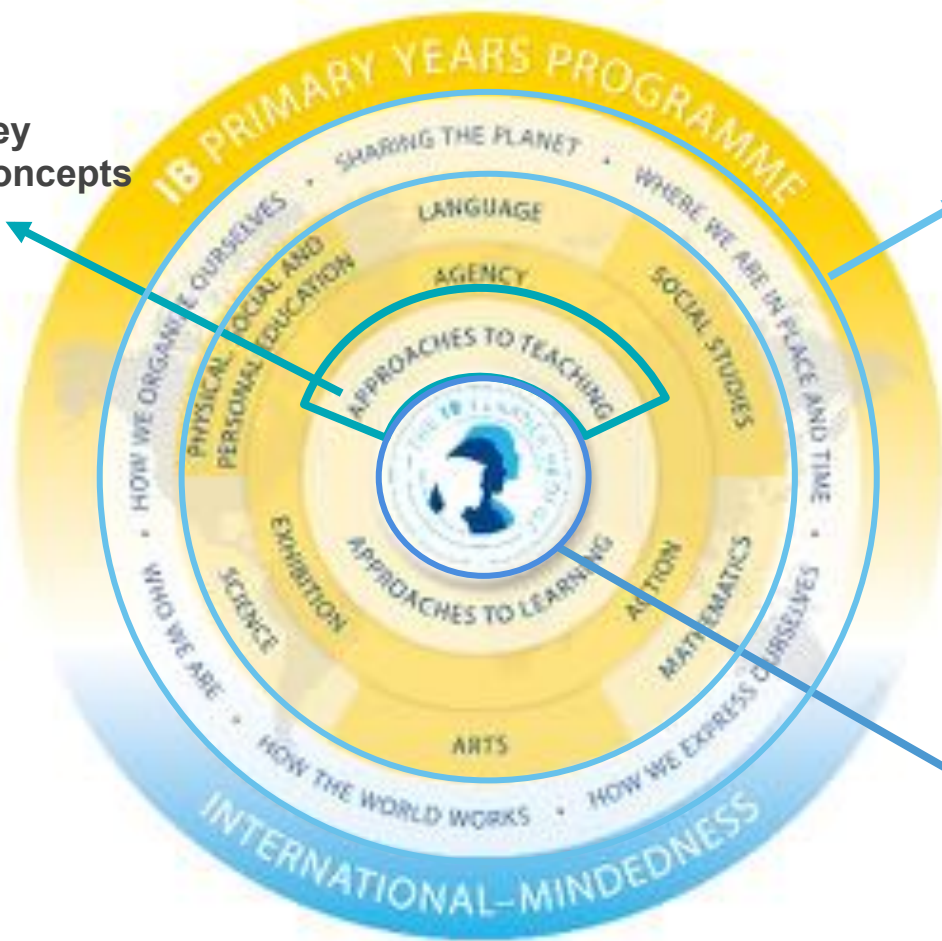
Primary Years Programme (PYP)

- 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.

International Baccalaureate Primary Years Programme (IB - PYP)



Key Concepts



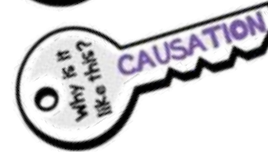
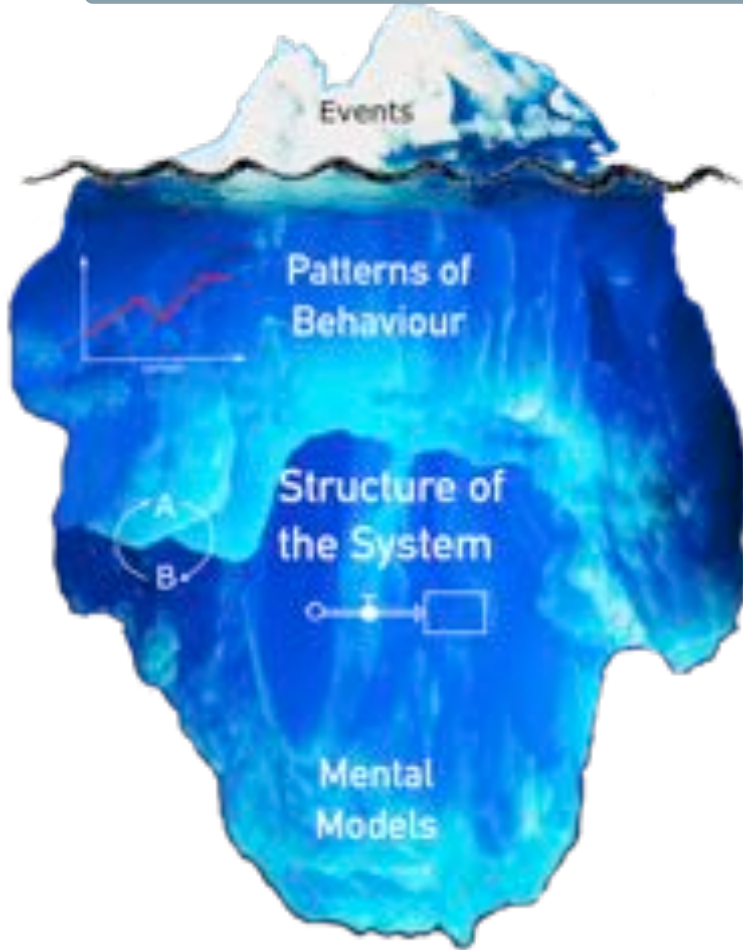
Themes



Learner Profiles



Systems Thinking and IB-PYP Key Concepts



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.

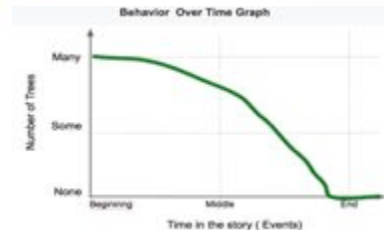


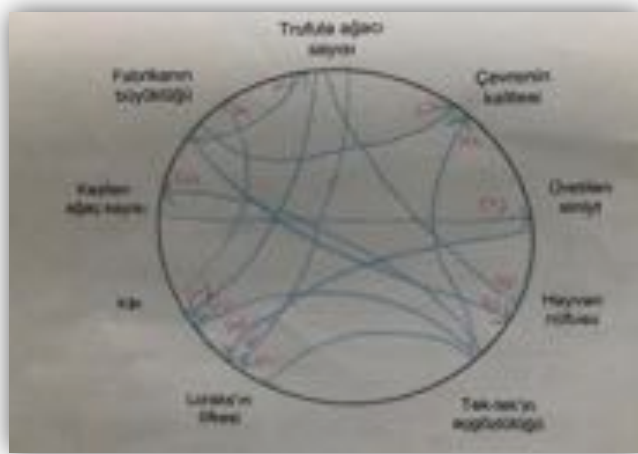
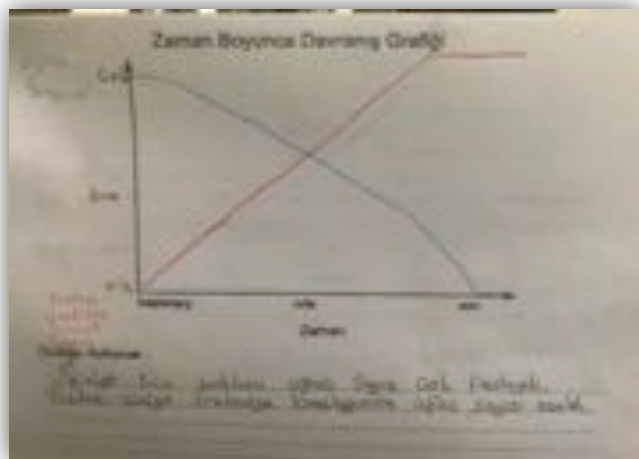
Central Idea : We have responsibilities to ourselves and to other living things.

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

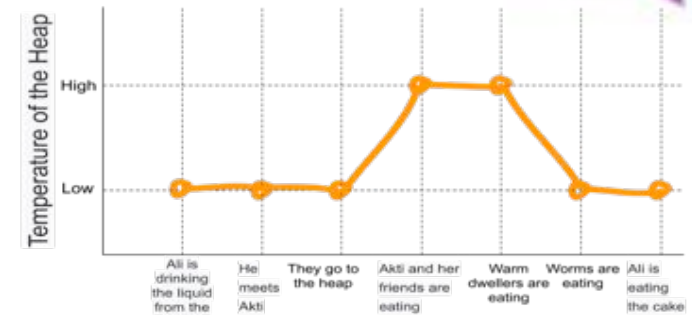
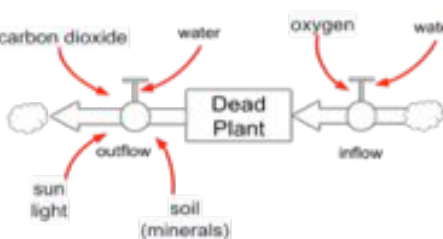




Theme

3rd Grade – Sharing The Planet

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 – Change



Compost





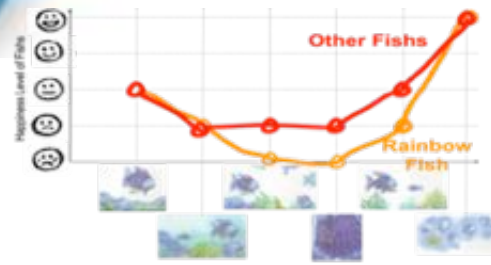
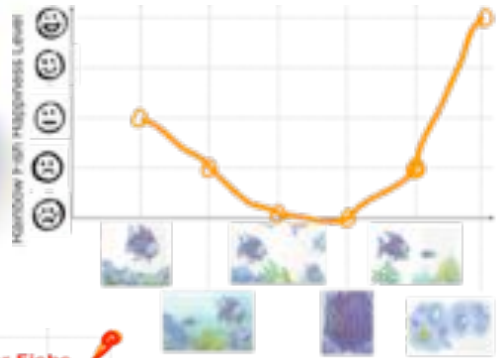
Theme

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.

Story Book- 1st Grade



Rainbow Fish



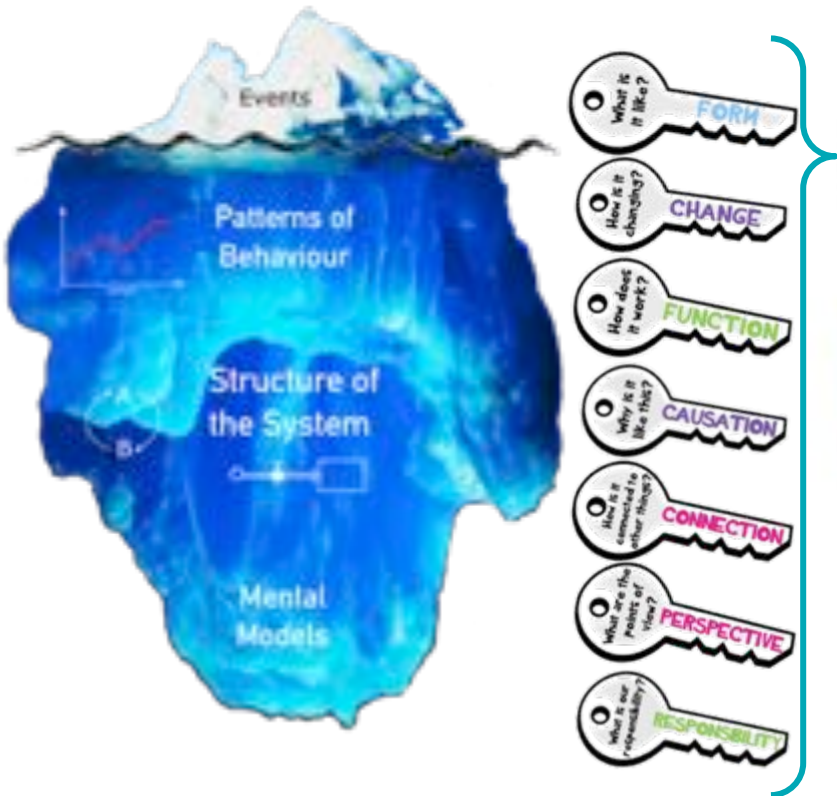
Drama about Rainbow Fish



Stock-flow Game



Conclusion



Thank You For Your Attention !



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