Data Steering Committee

Hertford County Public Schools

2007-08

From Accountability to Learning and Back

Federal

State

LEA (System)

School

Grade/Department

Classroom

Student
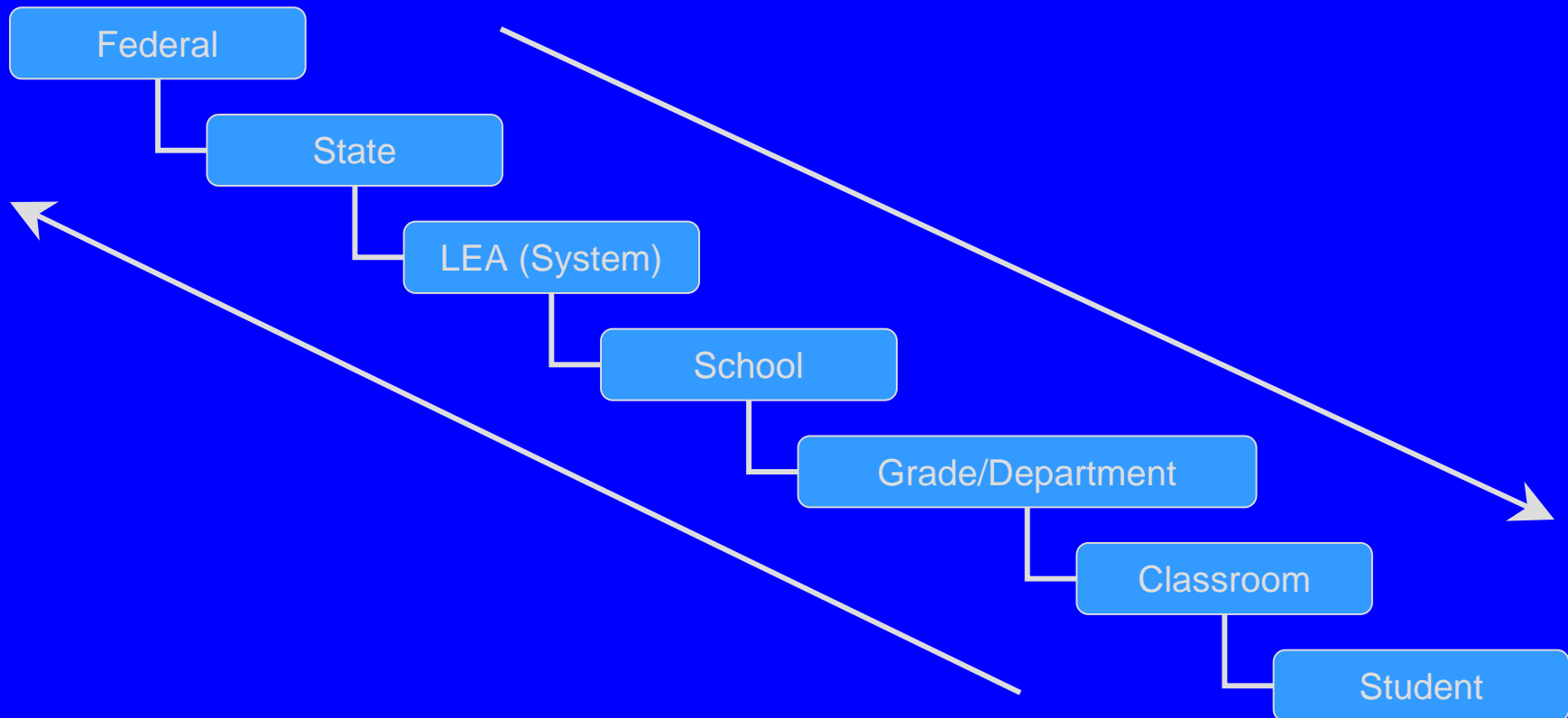
Spirals of change begin with small acts
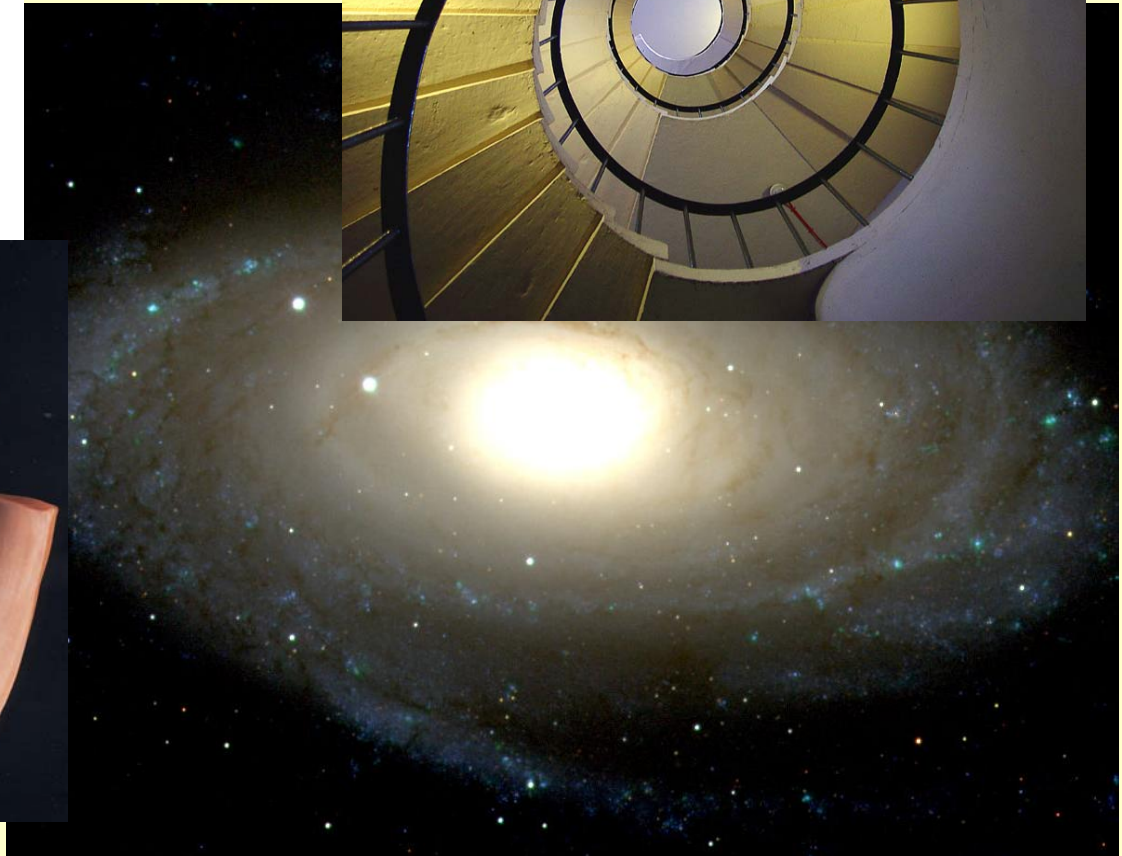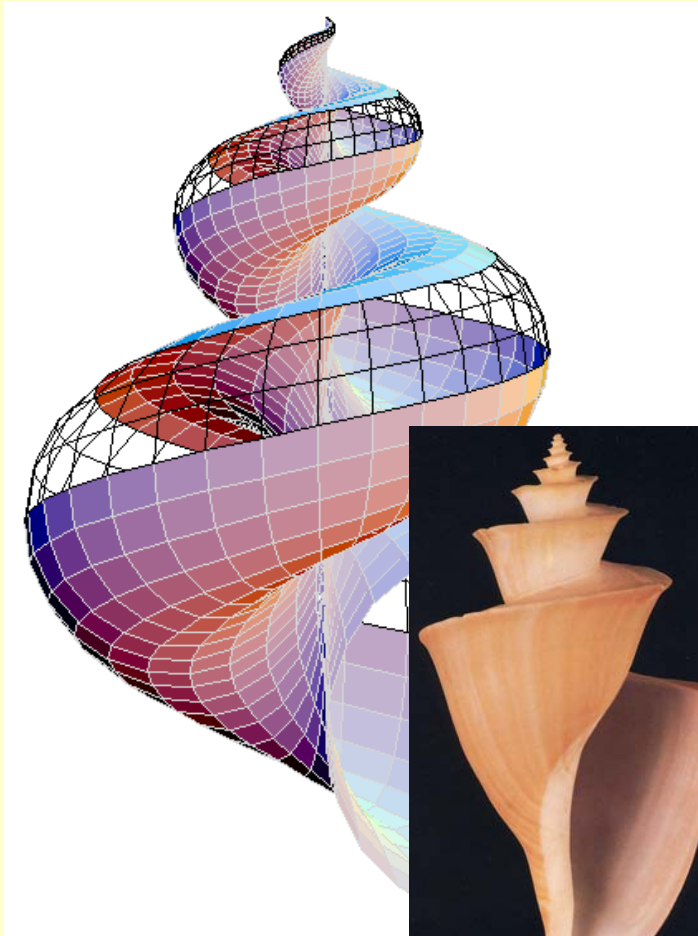
NSSE Framework

- ◆ Four-Part Framework for Establishing a Comprehensive Knowledge Management System

- ◆ <u>Mining the Data</u>: Collecting and managing pertinent information

- ◆ <u>Analyzing the Data</u>: Analyzing and synthesizing the data to create meaning

- ◆ <u>Communicating the Data</u>: Building understanding by effectively interpreting and reporting the data

- ◆ <u>Using the Data</u>: Maximizing the role of data in decision making and the continuous improvement process

Systemic Improvement and Finding "Mental Models"

The Analogy: Mining Student Performance Data

The Iceberg

Events

Patterns
of Behavior

Systemic
Structure

Mental Models

*Increasing
Leverage*
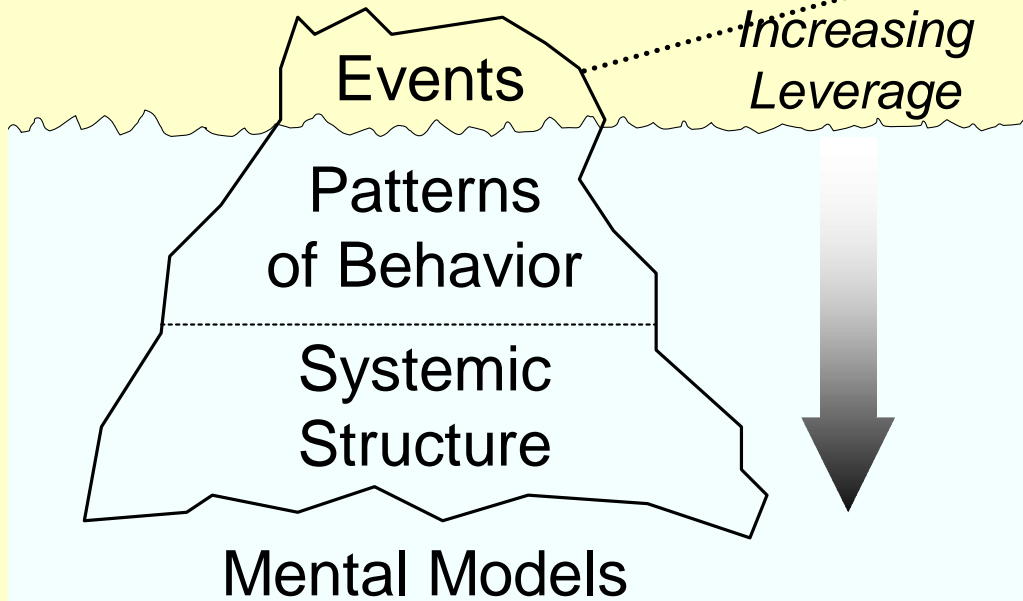
Federal Level

- AYP Requirements 3-8 Reading, Math and Science
  (07-08) (Performance Only)
- AYP Requirements High School
  - Reading: English I & Grade 10 Writing
    (or H.S. Comprehensive)
  - Math: Algebra I (or H.S. Comprehensive
    Math)
  - Biology (07-08)
- % Tested, % Proficient
- OAI: Attendance and Graduation rates
- Safe Harbor
- 140 (70 semester) days membership (Attendance)
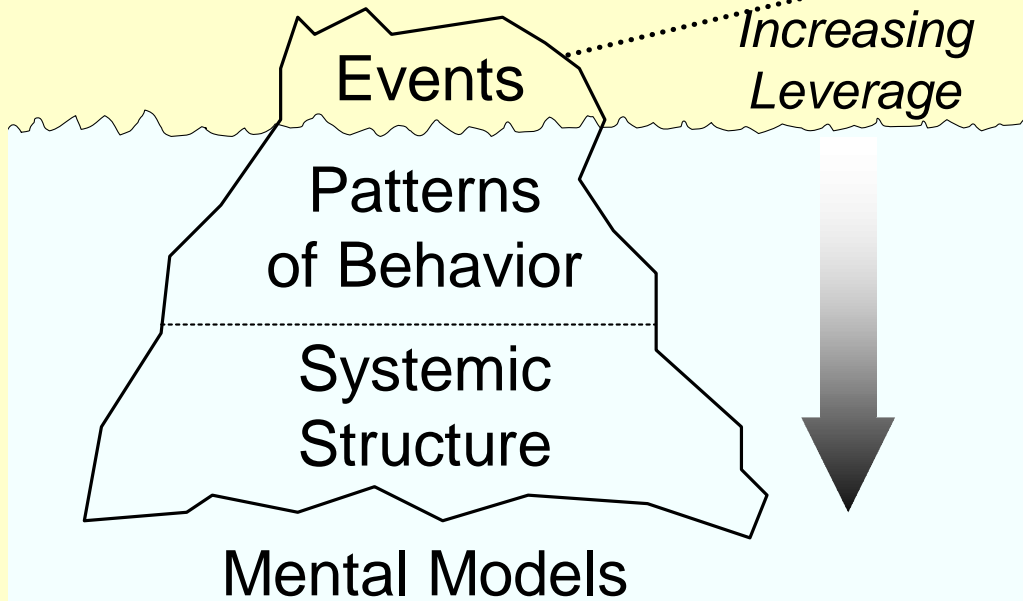- 40 Count minimum
- NAEP

Not used locally in setting targets
- Confidence Interval
- 25% Trajectory growth per year

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The Analogy: **Mining Student Performance Data**

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State Level

•ABCs Performance Composite
•Growth – 3-8 Reading and Math
•9-12 EOC Subjects and Writing
•Alternative Assessments
   •NCExtend2 Performance Only
   •NCExtend1 (Severe Cases)
   •NCCLAS (1st Year LEP)
•Dropout rate (Traditional Formula)
•Completer Data
   •College University Prep
   •College Tech Prep
   •Career prep
   •Occupational
•K-2 Assessment
•New Audit file (ABC Tools)

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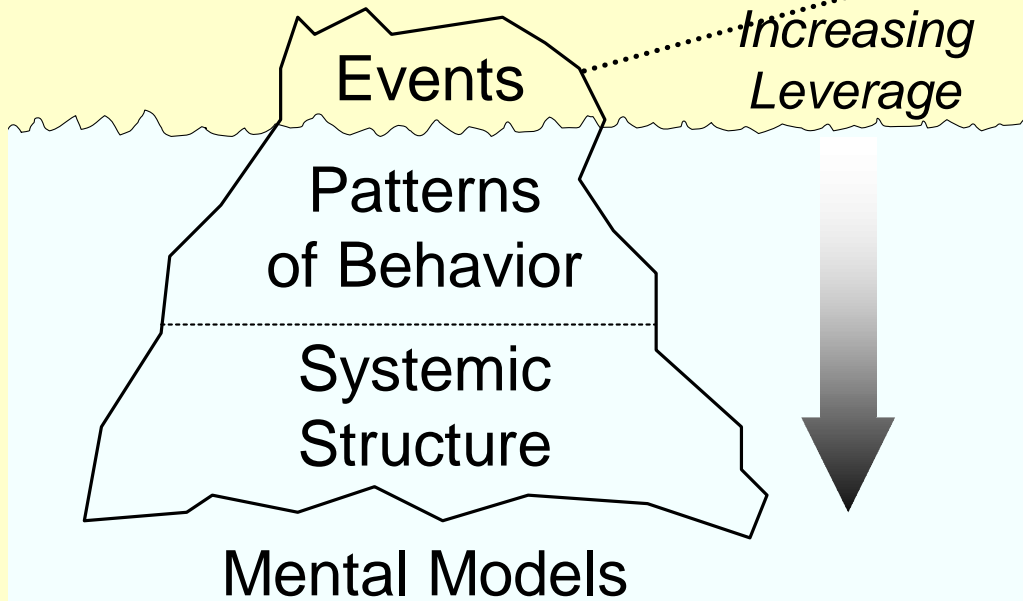
LEA Level

- AYP Subgroups
- Title I School Improvement (Subgroups)
- District-wide improvement
- Number of schools in school improvement
- Judge Manning – Priority High Schools
- Governor – Priority High Schools
- Science (07-08)
- Goal Summary
- EVAAS
- EduTest
- Plus State Categories

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The Analogy: <u>**Mining Student Performance Data**</u>

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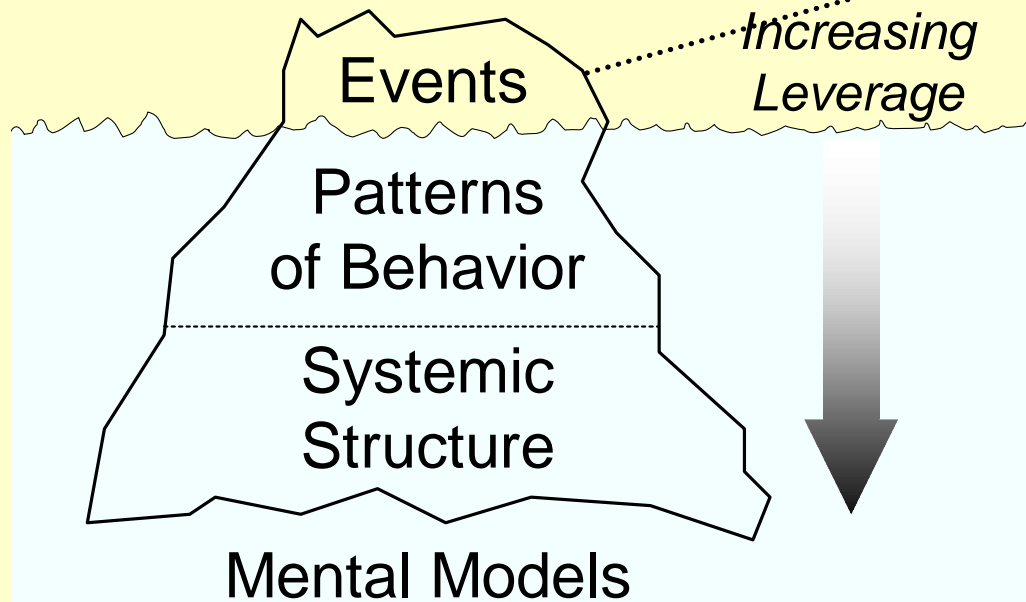
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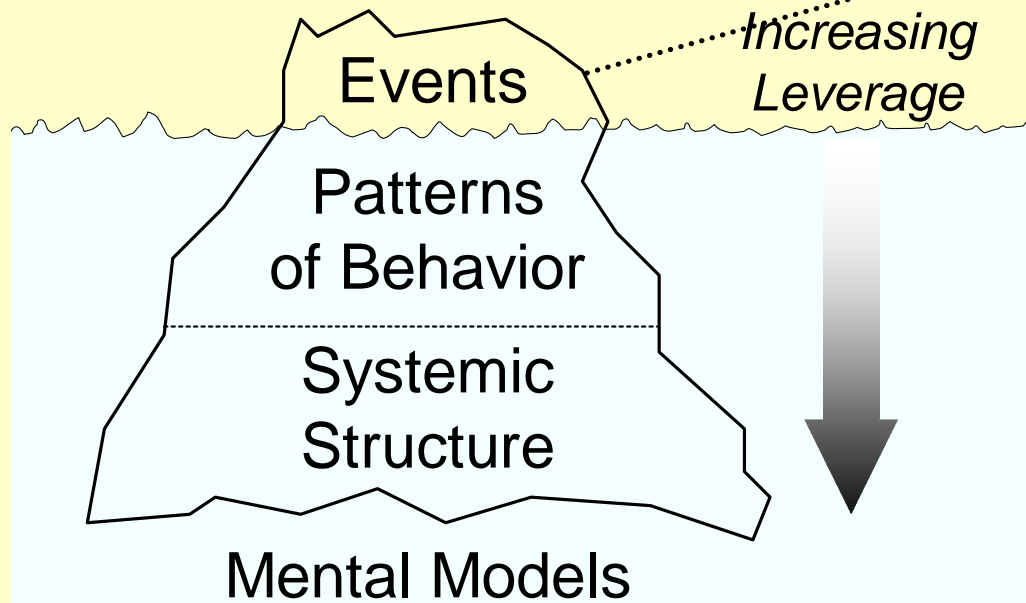
Mental Models

School Level

- Same as LEA
- Plus Benchmarks (Local)
- % Mastery
- Attendance

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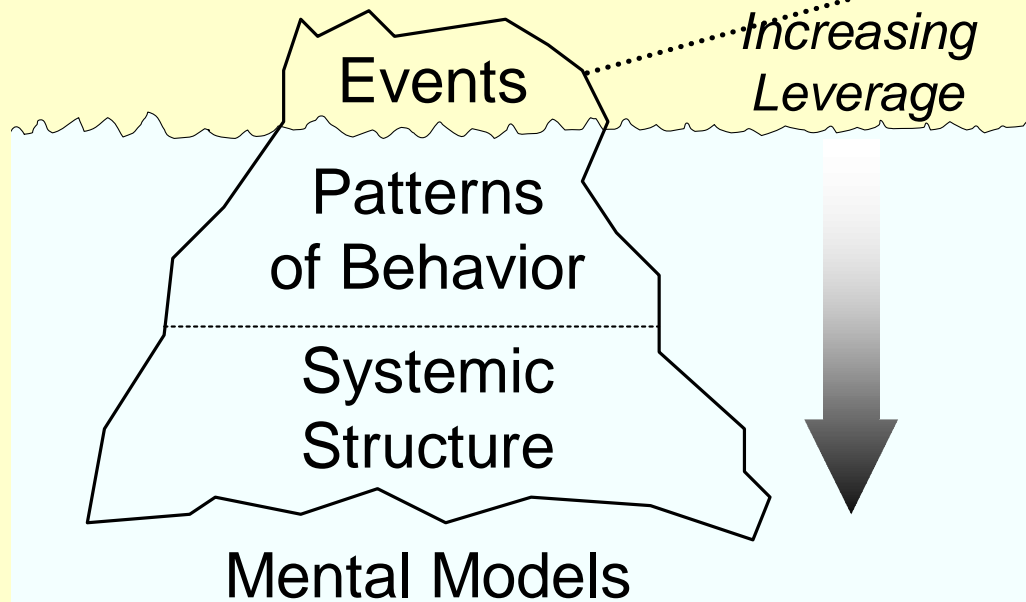
Mental Models

*Increasing
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Grade/Department Level

- Same as School but more specific group
- Benchmarks (Local)
- % Mastery
- Attendance
- Goal Summary

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*Increasing
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Classroom Level

- Same as Grade/Department Level but more specific group
- Benchmarks (Local)
- % Mastery
- Attendance
- Goal Summary

Systemic Improvement and Finding "Mental Models"

The Analogy: Mining Student Performance Data

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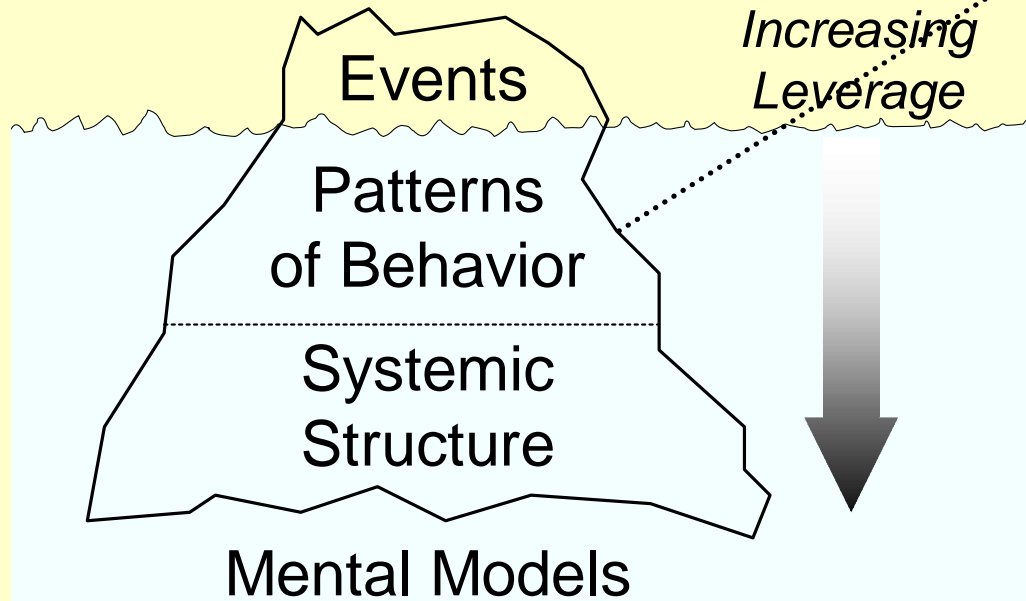Systemic
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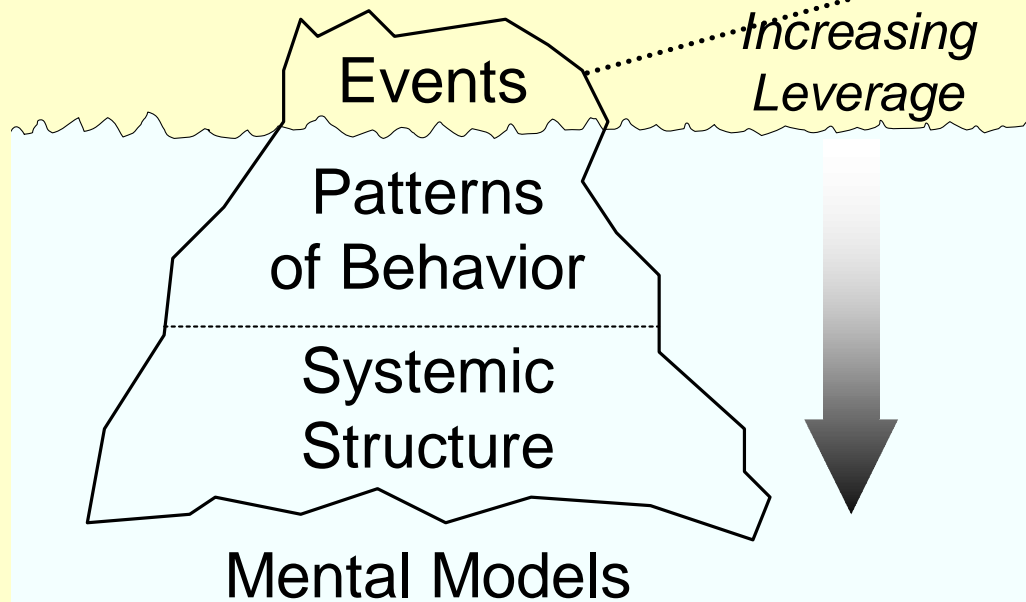
Student Level

•Individual Student Targets (Academic Change)
•Benchmarks (Local)
•% Mastery
•Individual skill development
•Attendance

Systemic Improvement and Finding "Mental Models"

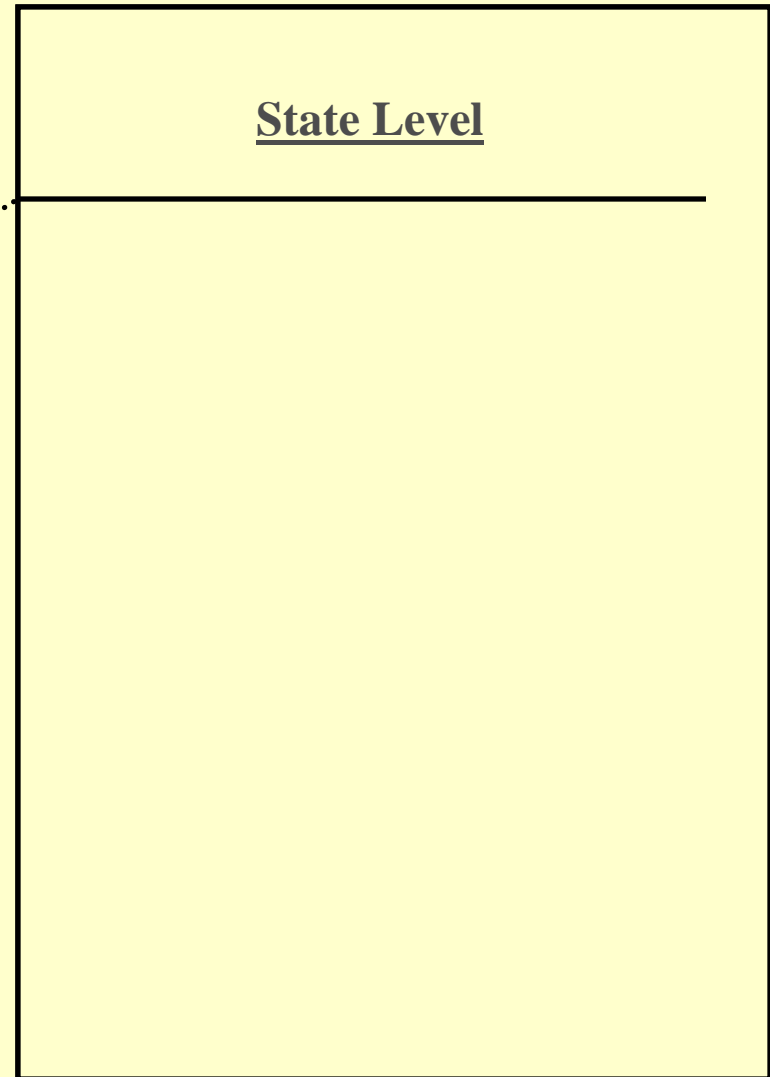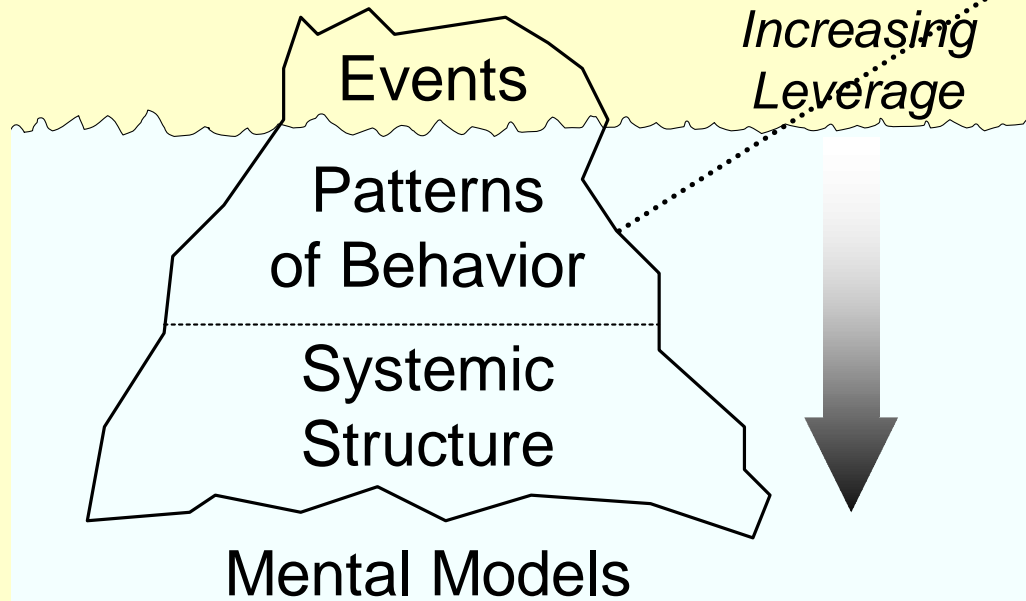The Analogy: Analyzing Student Performance Data

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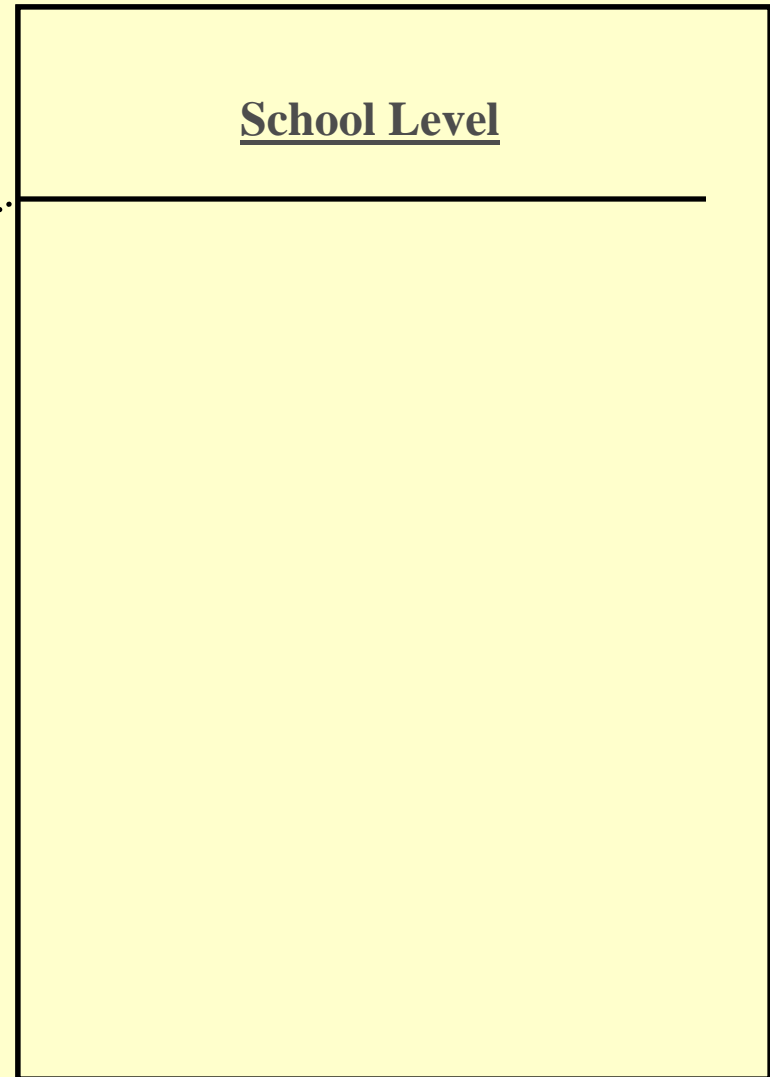
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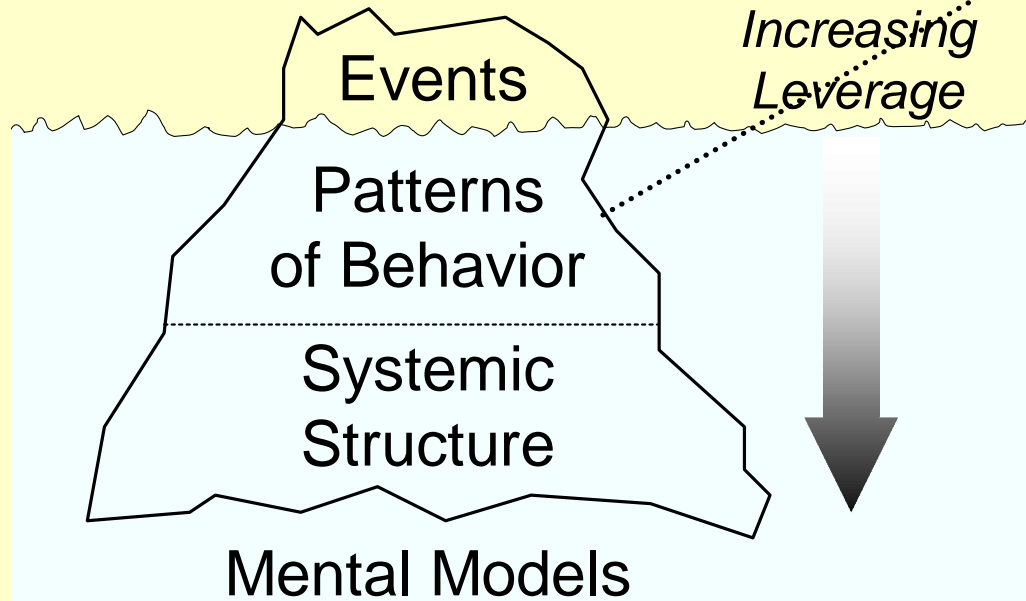
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State Level

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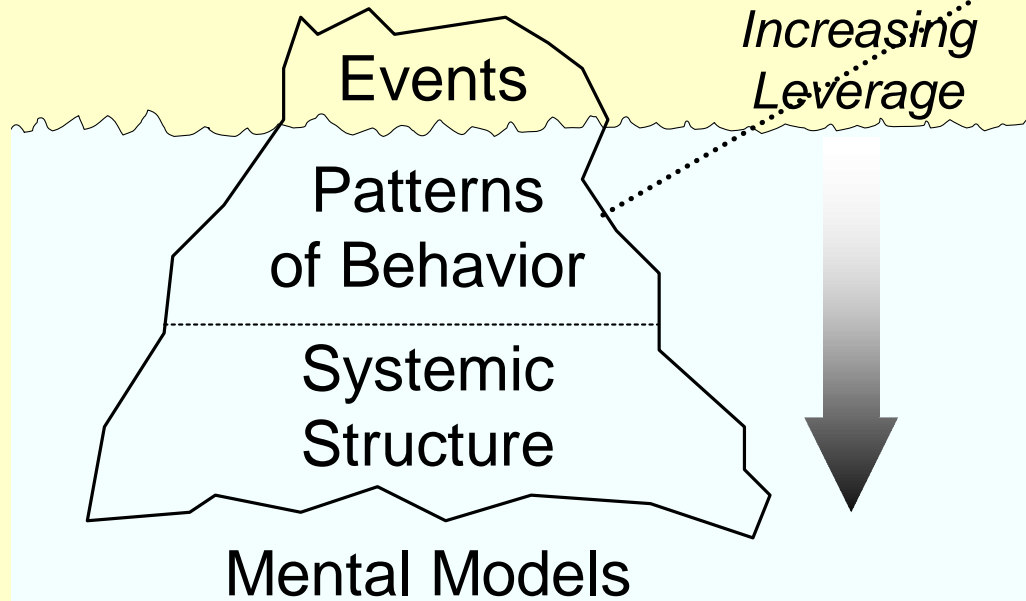LEA Level

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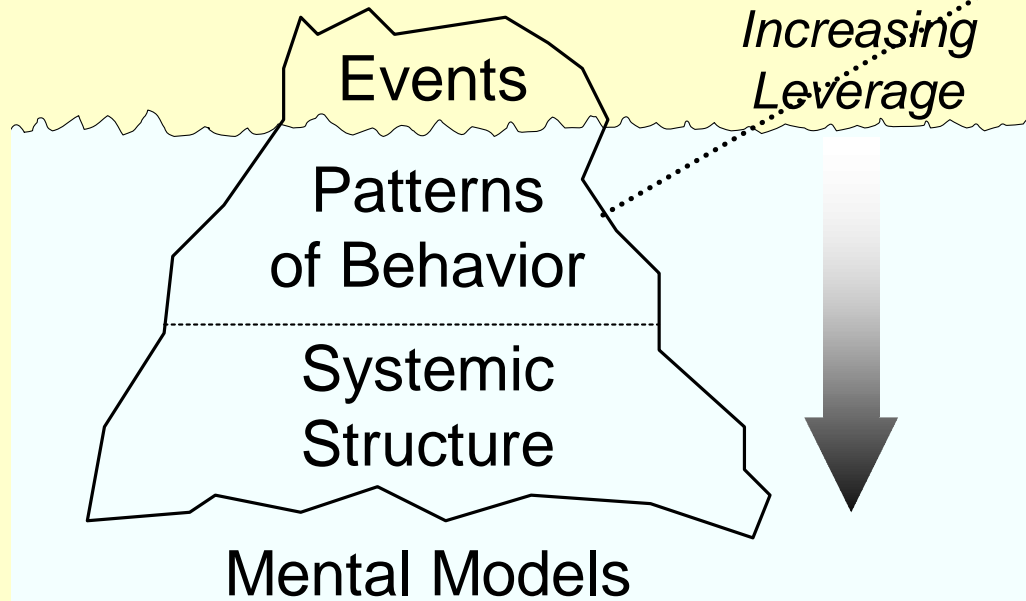
School Level

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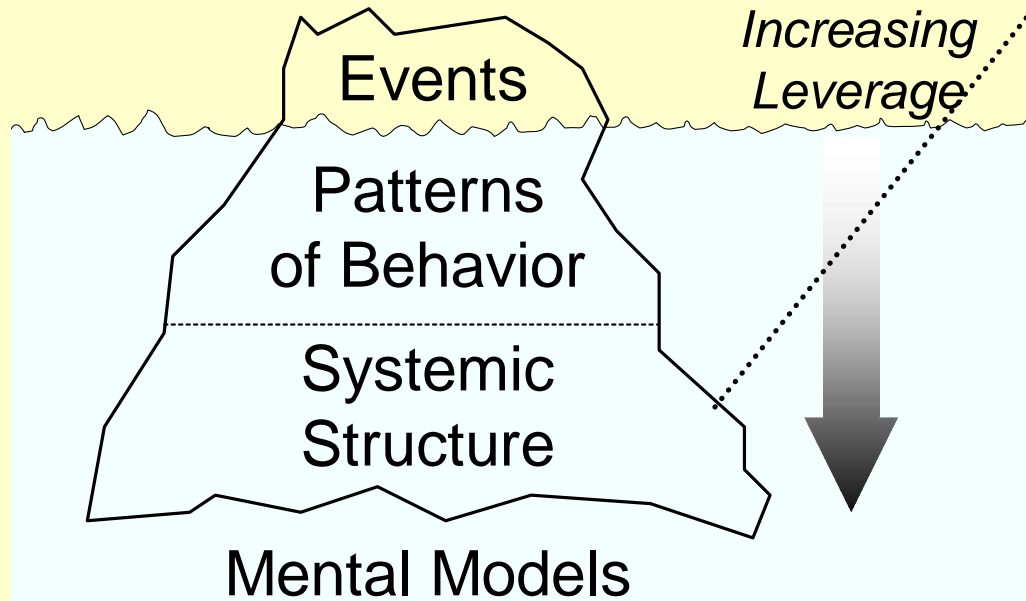
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Systemic Improvement and Finding "Mental Models"

The Analogy: Communicating Student Performance Data

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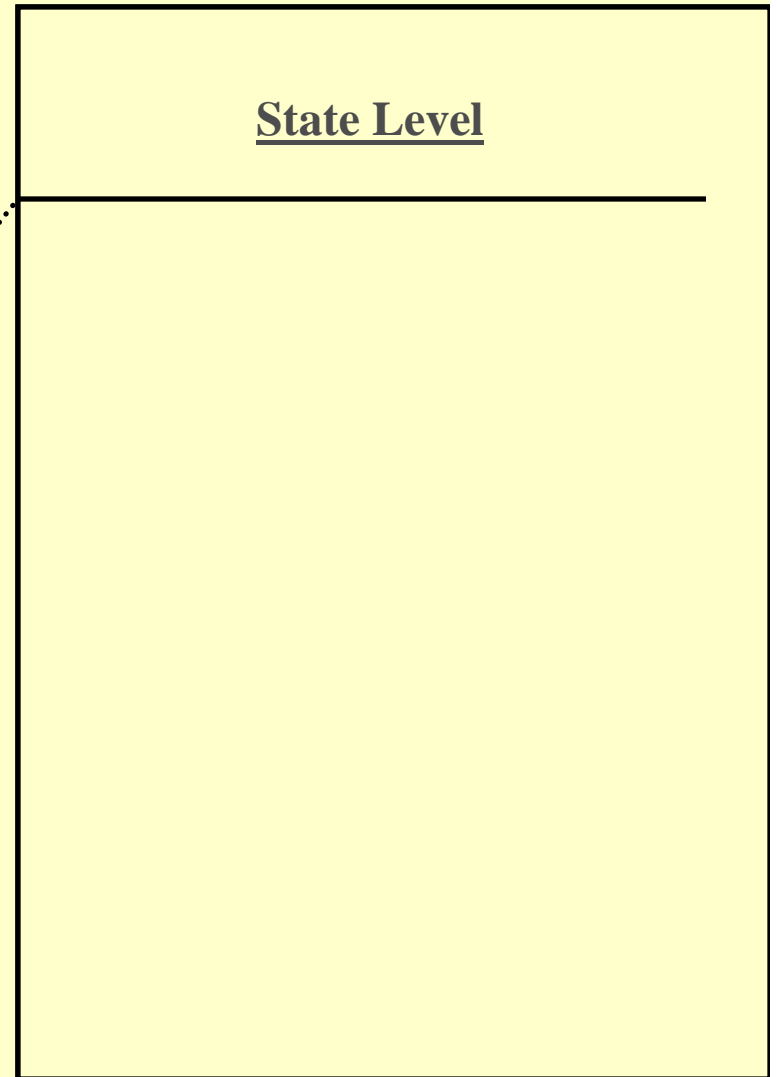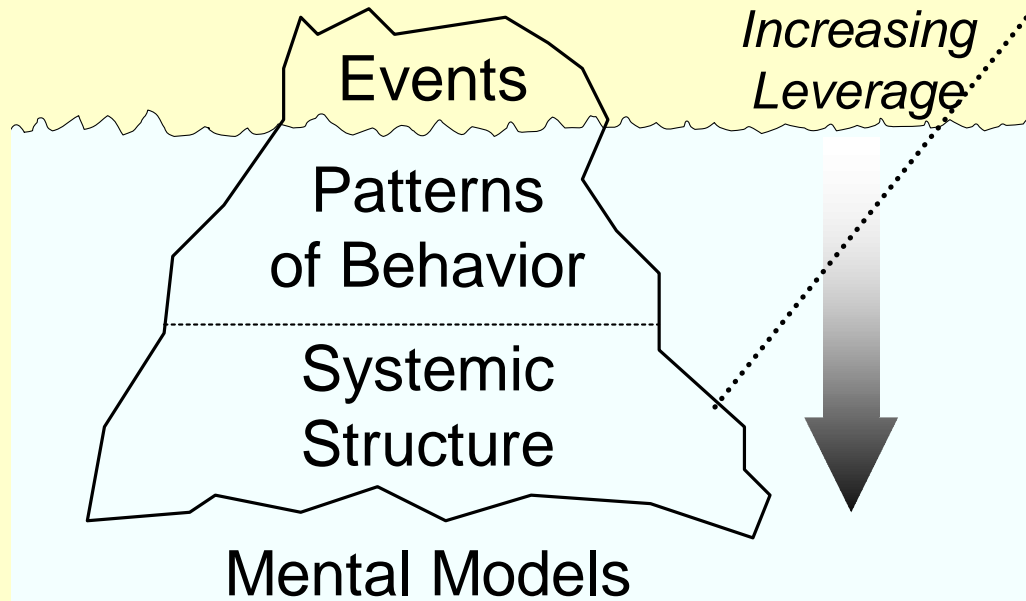
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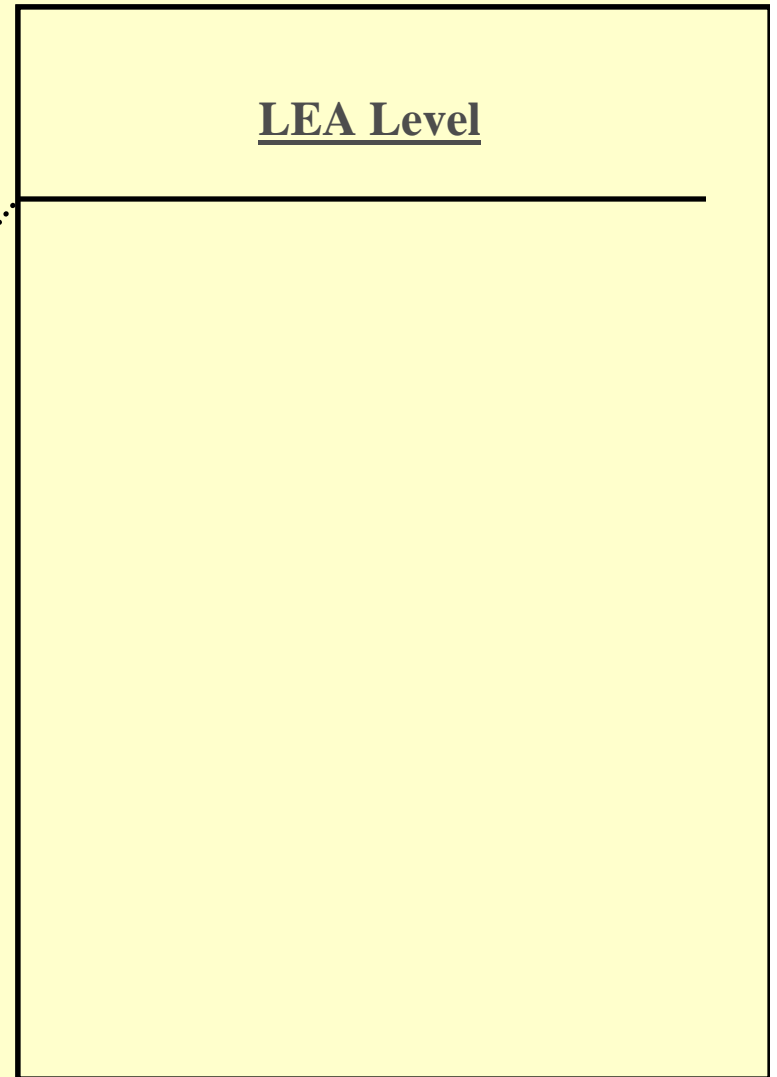**State Level**

Systemic Improvement and Finding "Mental Models"

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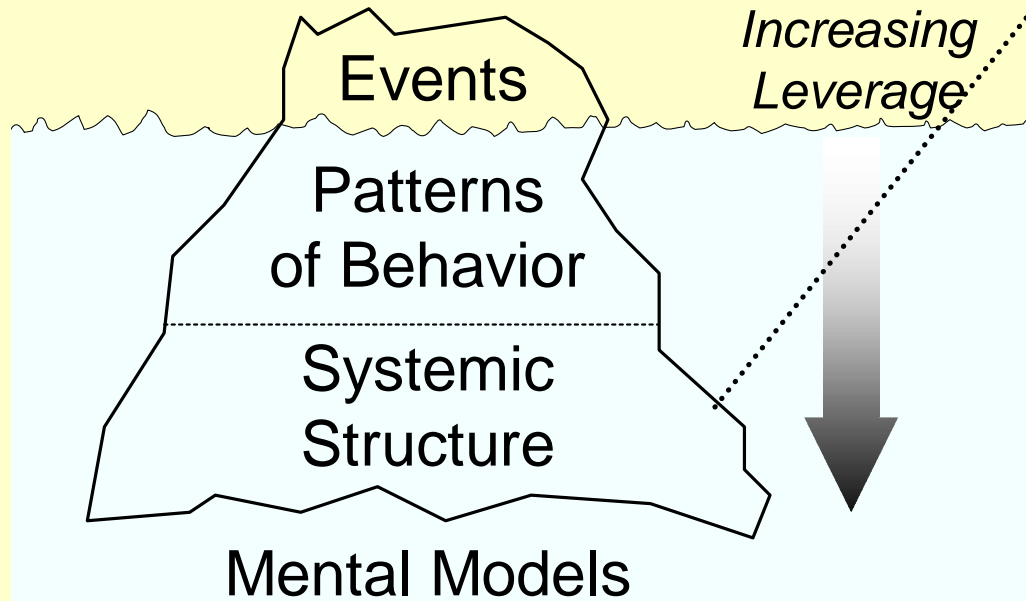of Behavior

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Increasing Leverage

LEA Level
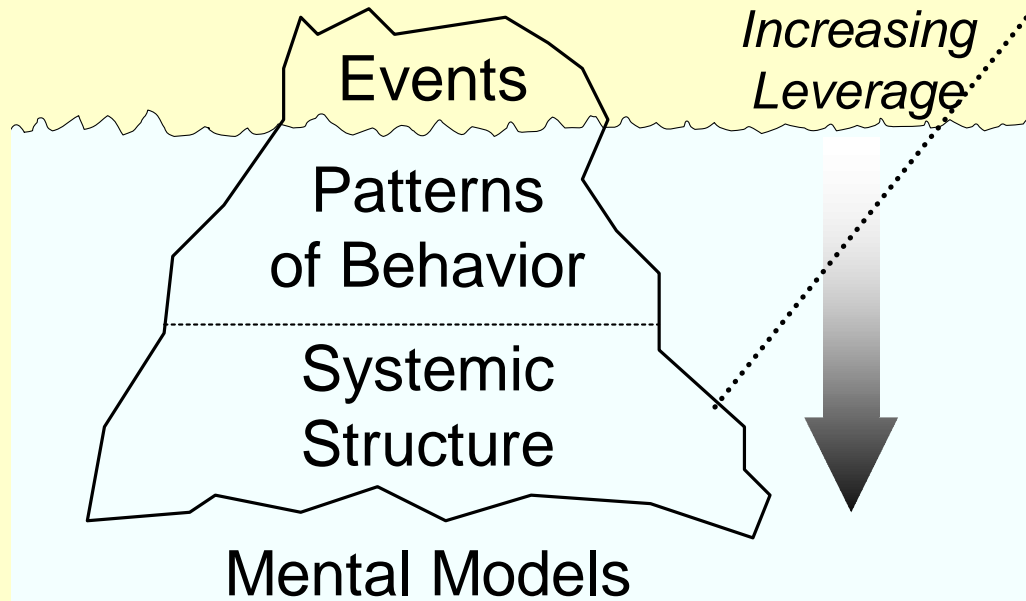
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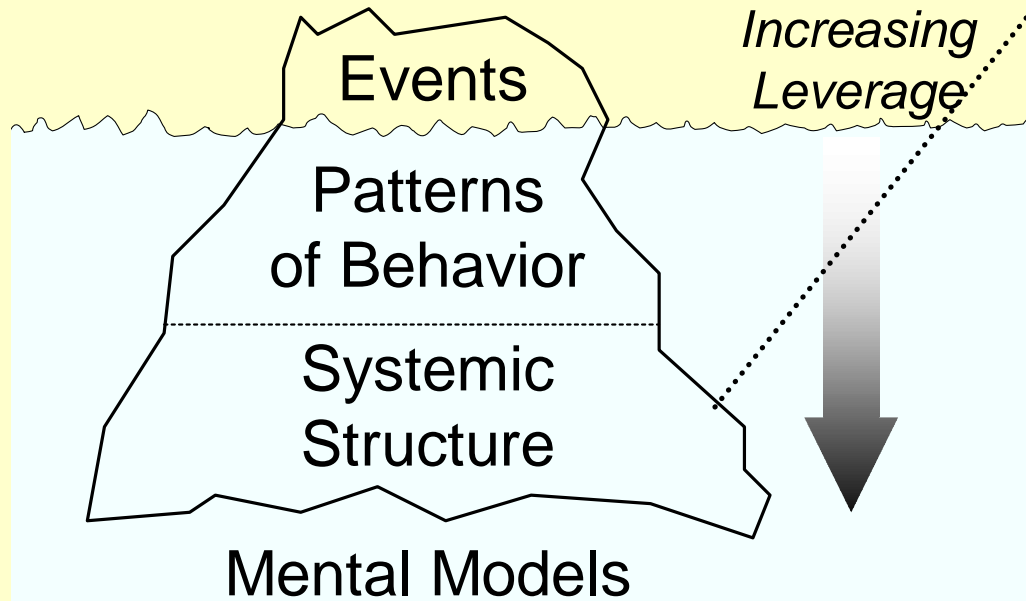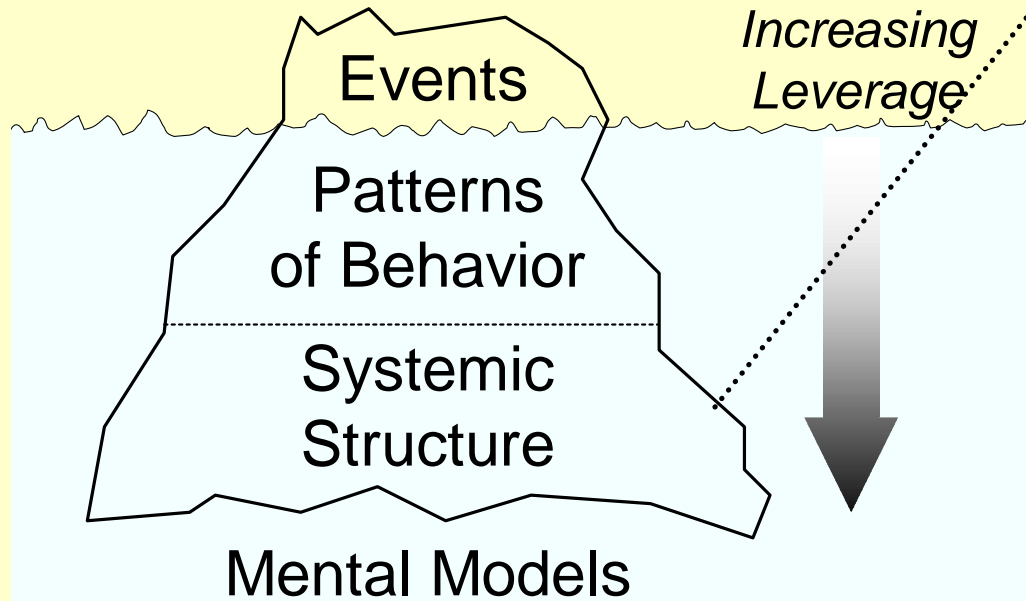of Behavior

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<u>**Grade/Department Level**</u>

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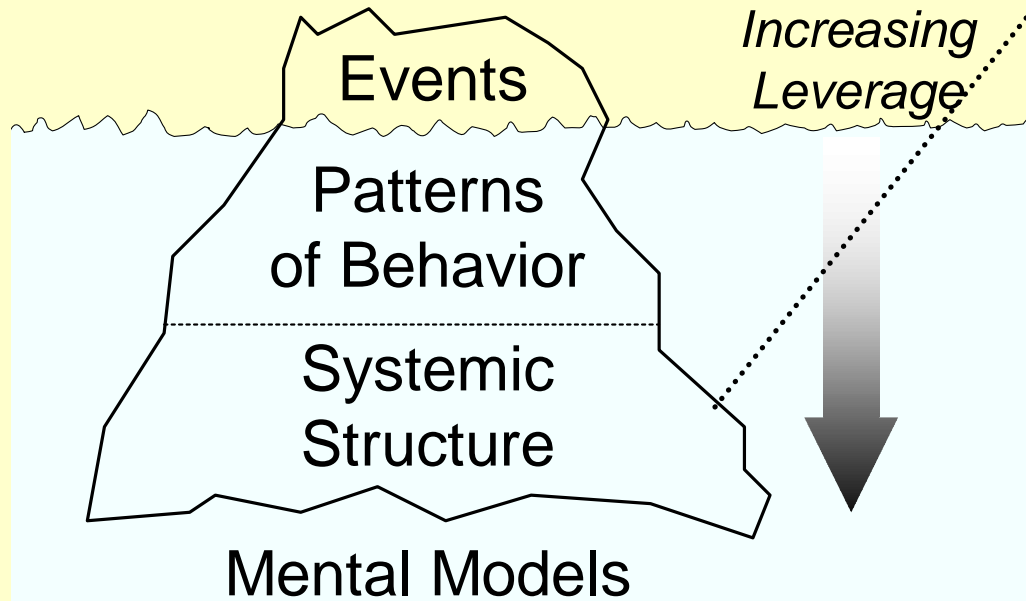The Analogy: Communicating Student Performance Data

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__Classroom Level__

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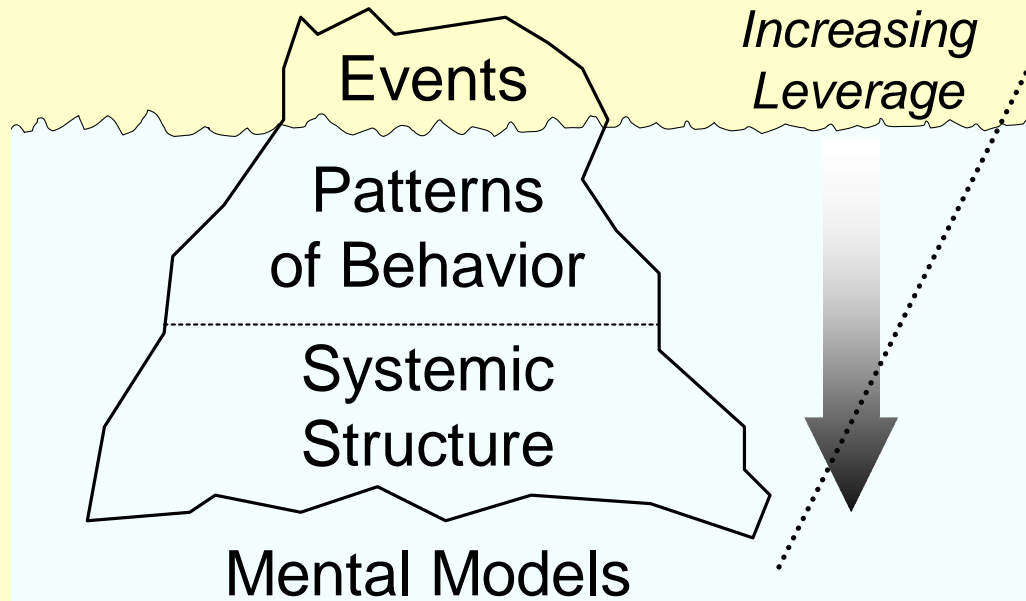The Analogy: Communicating Student Performance Data

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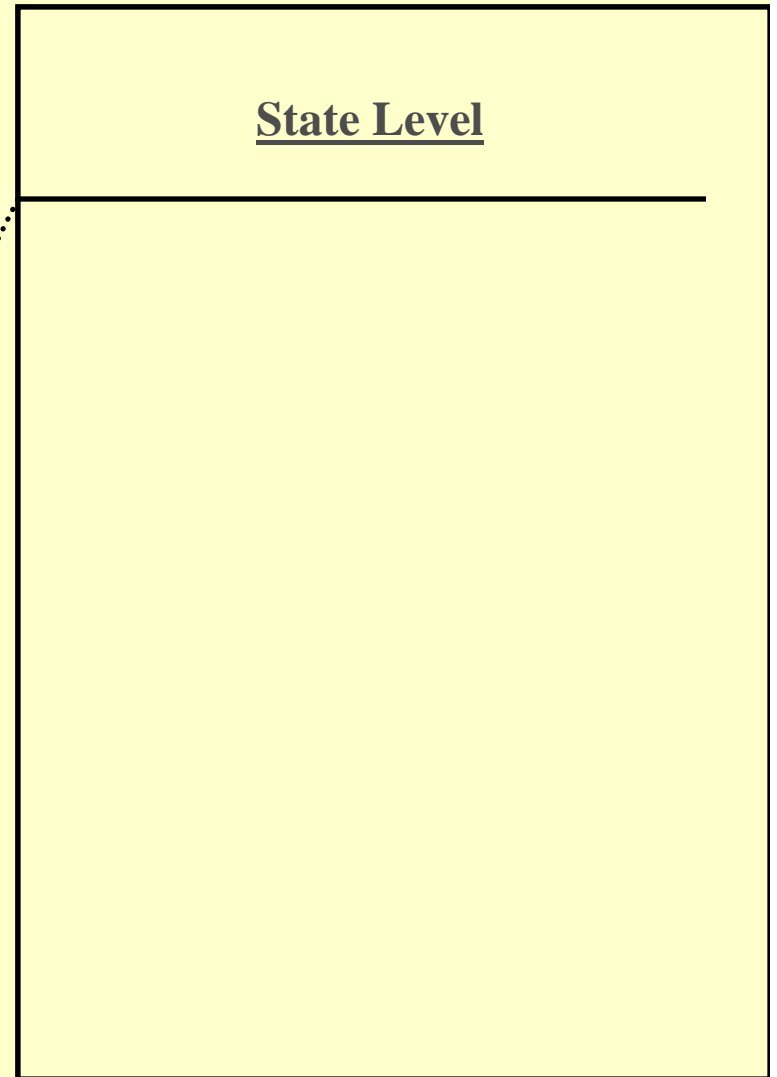Structure

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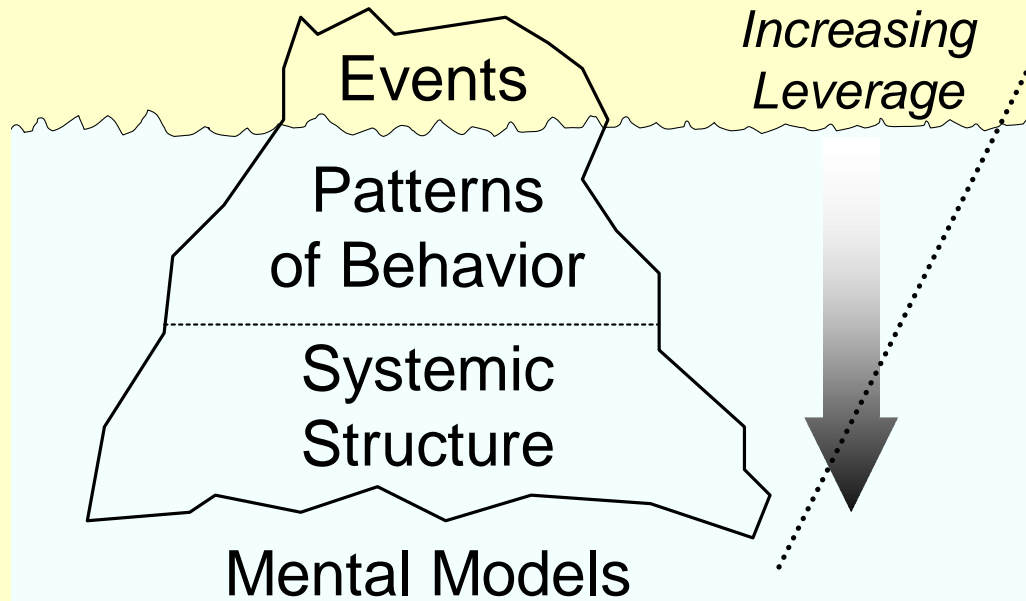
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<u>State Level</u>

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LEA Level

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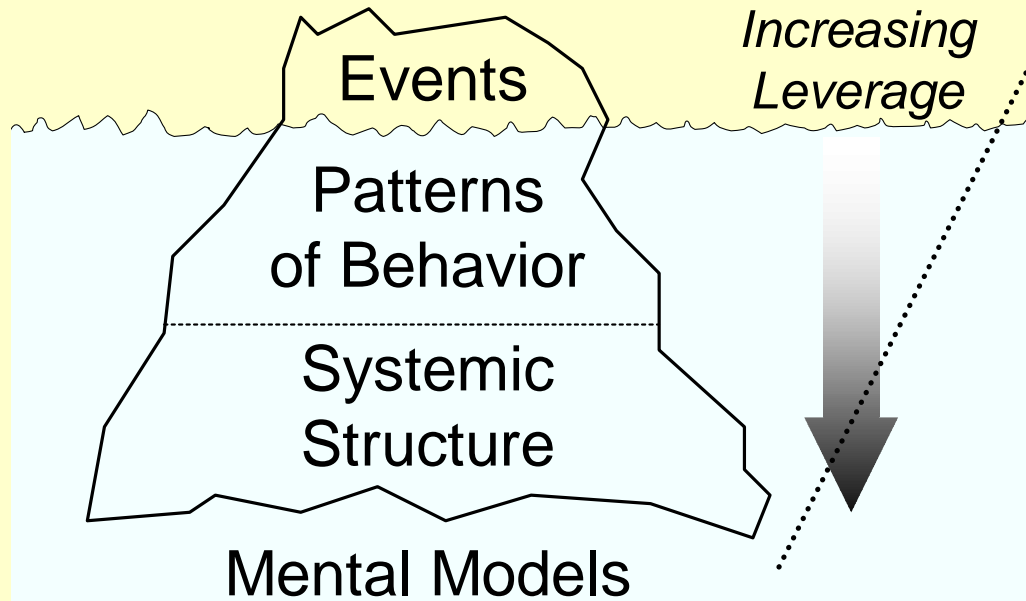
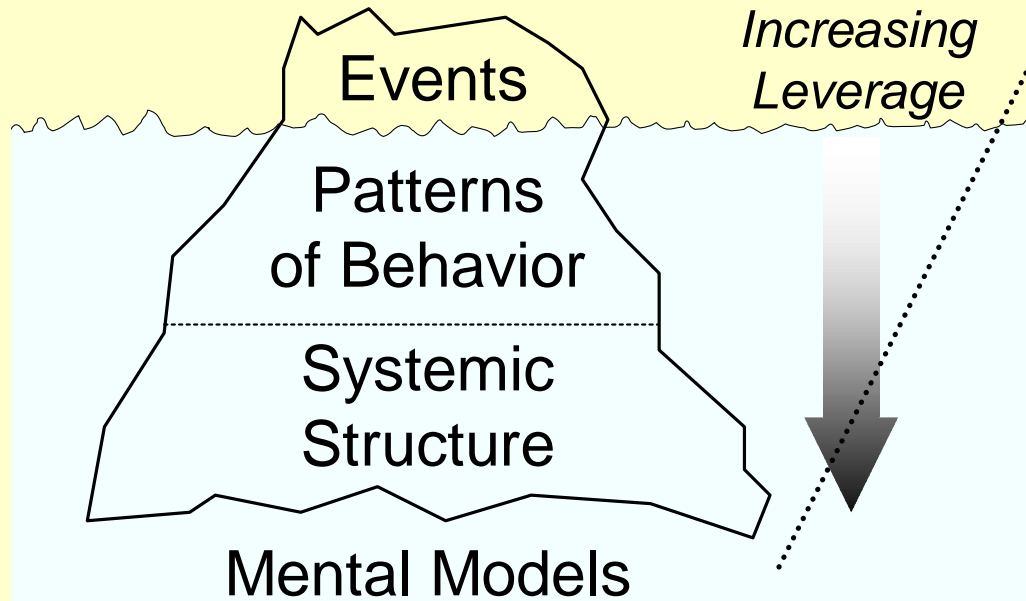Systemic
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<u>**Student Level**</u>

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