

# Prof. Rex Li's Writings

**Category:** Psychology

**Sub-category:** Thinking and Learning

**Code:** Psy 02-010

**Title:**

How a Child's Mind Captures Information and Forms Concepts / Causality
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**Year Written:** 2022

**Summary/ Abstract:** Based on my knowledge and experience, I offer a skeleton on concept formation in children.

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## How a Child's Mind Captures Information and Forms Concepts / Causality

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- (1) External images (visual / auditory / sensations) come in sequential stream.
- (2) The streams continues and repeat (e.g. caregiver brings food).
- (3) Repetition shows higher order of relations in streams.
- (4) Relations are organized with bits and pieces of links
- (5) Repetitive links are interpreted as causality. Links grow into Bayesian Network.
- (6) Naming in the cultural world helps quickly to form concepts, give meaning, understand causality and enrich / quicken network limits.
- (7) Novelty items are also picked up, discriminating from the ordinary routine reality and form picture of reality with characters (e.g. Mom)
- (8) Picture of reality are imagistic and flexible, sometimes unstable, and so are fantasy / imagination.

