

**Understanding the Mind As a Three Part Amalgam:  
Cognition, Emotion, and Motivation**

Carol A. Lyons

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9:00 - 9:15 – Introduction to the day

9:15 - 10:30 The developing mind

- 1) Cognitive development
  - Neuronal development
  - The brain: attention and movement

- 2) Emotional Development

- Amygdala
- Hippocampus

- 3) Learning, motivation, and memory

- Attachment
- Attunement
- Challenge

10:30 – 10:50 Break

10:50 – 11:20 – Video – The First Three Years Last Forever

Identify key ideas that are important for teachers to understand.

11:20 – 11:45 – Small group discussion

11:45 – 12:00 - Implications for teachers: Syntheses

12:00 – 1:00 Lunch

1:00 – 1:45 - Working with challenging children

- 1) Characteristics of the most difficult to teach children
- 2) Reaching challenging children

1:45 - 2:00 – Videotape - A Challenging Learner

1. How is the teacher addressing the child's cognitive dimension of learning?
  - problem-solving,
  - sustaining attention
2. How is the teacher addressing the child's emotional dimension of learning?
  - attunement
  - autonomy

2:00 – 2:45 Small Group Discussion

2:45 – 3:30 Syntheses and Practical Advice

Reference:

Lyons, C. A. (2003). Teaching Struggling Readers: How to Use Brain-based Research to Maximize Learning. Portsmouth, NH: Heinemann.