

# Thinking About Learning

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Professor Richard Bailey  
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# 3 Thinkers

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■ A Russian



■ An American



■ An Austrian



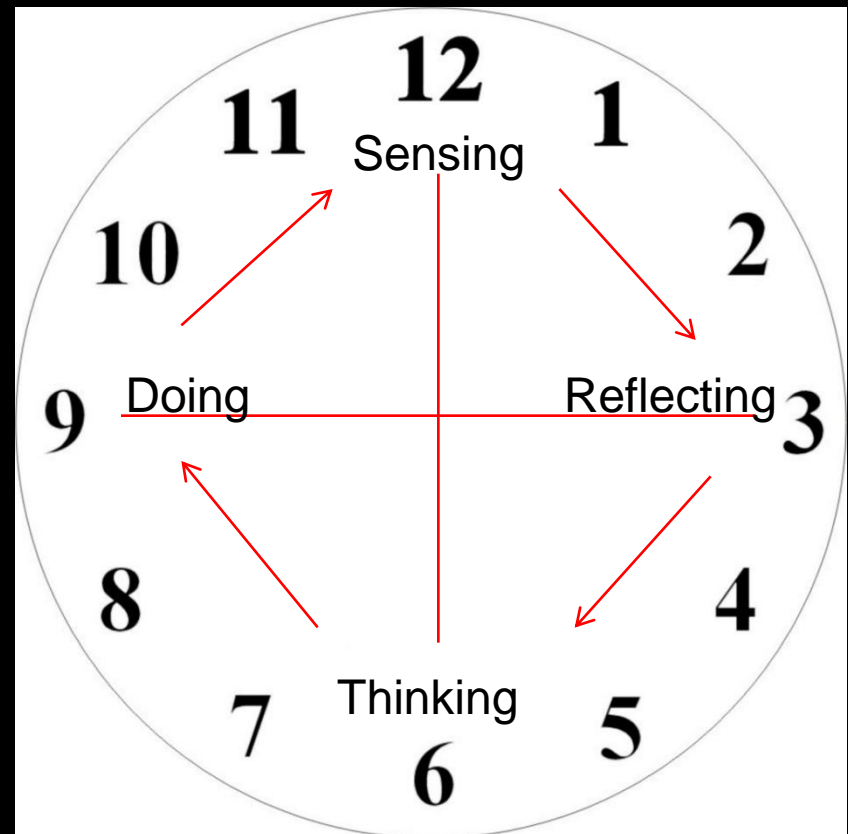
# L.S. Vygotsky

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- Social interaction plays a fundamental role in the development of cognition.
- "Every function in the child's cultural development appears twice: first, on the social level, and later, on the individual level; first, between people and then inside the child ... All the higher functions originate as actual relationships between individuals."

# Bernice McCarthy

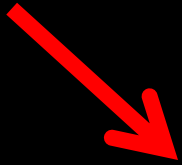
“ To combine perceiving (taking things in) with processing (doing something with them) creates a natural learning cycle.”



# Karl Popper

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“ All life is problem solving”



“To what problem is your lesson a solution?”

So...

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- Understanding Learning
  - Real Problems
  - Problems before solutions
- Encouraging Learning
  - Social → Individual
  - Play
- Planning Learning
  - Perceiving and processing
  - *Variety is the spice of life*

# Further Reading

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- Bernice McCarthy, “About Learning”
- Karl Popper, “Objective Knowledge”
- L.S. Vygotsky, “Mind in Society”