Ideal Classmates & Reciprocal Idealizing through Critical Participatory Looping (CPL) in Socially Intelligent Dynamic Systems (SINDYS)
Special thanks to my co-researchers in our Tokyo Research Group

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Warm Ups
Speed dictation routine
Turtle Story
Experiential Warm Up with a partner that will help you understand today's presentation: Ask each other...

"What do people do to help you have a great day and a meaningful life?"
Looping

Students

Teacher
Example 1: Students correct researchers

What connections, patterns, or insights do you notice from looking at the data?

[Grammar: likes-2, dislikes-1] no!
Grammar is useful only for tests.

Grammar is very boring.

We had conflated useful and like. When we separated them grammar fell off the top likes list.
Example 2: Students request research results

How did you get Remotivated?

What do you think about this survey?

Show us Results!
20 ways students Remotivated

What do you think of this research?

Hope & Agency
Example 3: Students broadcast suggestions for educational change

The real voice of Japanese students

LLHs → Reports about the LLHs → Video summary

and some of our teachers have been really great!

We think Mombusho could help
Example 4: Students re-imagine themselves

Please describe a group of classmates that you could learn English well with. What would you all do to help each other learn better and more enjoyably?

16 descriptors of Ideal L2 Classmates
A. This is important for successful learning.
B. My classmates have done this so far this semester.
C. I have done this so far this semester.
A. This is important for successful learning.
B. My classmates have done this so far this semester.
C. I have done this so far this semester.
A. This is important for successful learning.
B. My classmates have done this so far this semester.
C. I have done this so far this semester.

Spearman’s rank order correlations

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<th></th>
<th>B.</th>
<th>C.</th>
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<tbody>
<tr>
<td>A.</td>
<td>.582</td>
<td>.485</td>
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<tr>
<td>B.</td>
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<td>.829</td>
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What do you think of this research?

Student comment

I could know what is ideal person. Now I will try to be a ideal person. And I'll try to enjoy studying English, talk with my classmates in English more. I think that my motivation becomes high because of this survey.
CPL in terms of DST

Communication or Feedback
Scaling or Fractalization
Self-organization
Transitional states or Phase transition

Openly Theorizing SINDYS
We propose that a class can act as a Socially INtelligent DYnamic System (S IN DY S – a SINDYS) when it is capable of 1) gathering, communicating, and reflecting on data about itself.
We propose that a class can act as an Active SINDYS when it is capable of...

2) Interacting with other systems, learning from them, getting more feedback

3) Exciting itself into self synchrony and other system synchrony

4) Agentising the agents, allowing them to strive in the face of adversity
Active SINDYS

INTERmental
Socially Intelligent Dynamic Systems

INTER-SINDYS

INTERMENTAL
Vygosky

Dormant/Passive

INTRAmental
SOCALLY Intelligent Dynamic Systems

INTRA-SINDYS

Imagined Social Capital (Quinn 2010) Contexts in Person Theory of Minds INTRAMENTAL

Continuums from INTER to INTRA SINDYS And ACTIVE to DORMANT/PASSIVE
Ecologically and contextually moving
Balancing multiple needs and influences in Chaotic Systems, ideally
CPL in terms of DST

Communication or Feedback
Scaling or Fractalization
Self-organization

Transitional states or Phase transition
What are you doing now?

Thank you!