

Gerry Stahl

how I view learning and thinking in CSCL groups

我对CSCL小组学习和思考 的看法

Confucius said: "Learning without thought is labor lost; thought without learning is perilous"

"学而不思罔, 思而不学则殆"

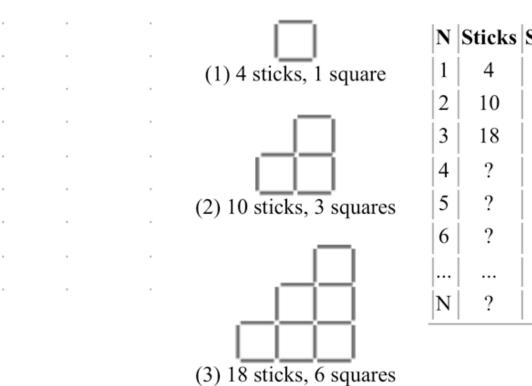
Views of Learning and Thinking

一些对学习和思考的不同看法

An Example of Learning and Thinking

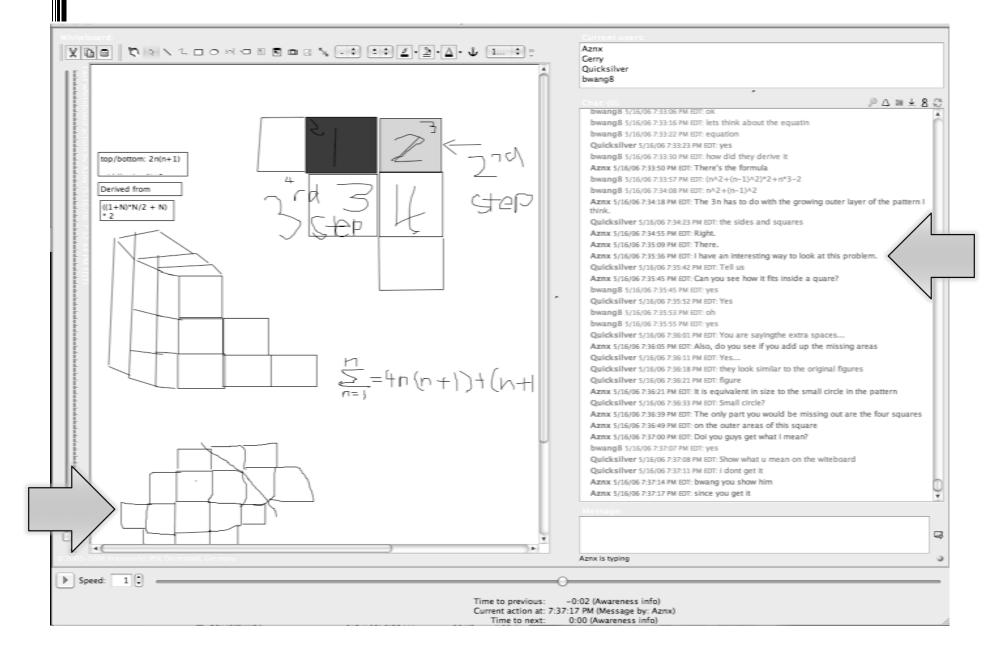
关于学习和思考的一个例子

The event: Team B in VMT Spring Fest 2006



N	Sticks	Squares
1	4	1
2	10	3
3	18	6
4	?	?
5	?	?
6	?	?
N	?	?

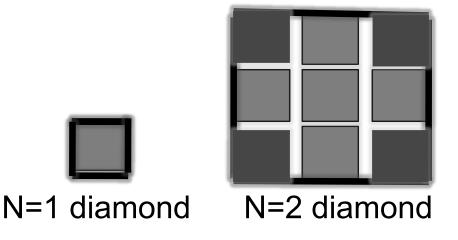
The session: Session 3, May 16

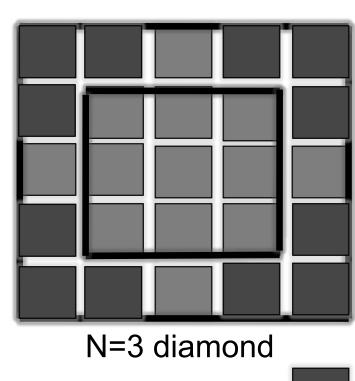


The move: Showing how to view the problem

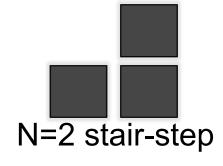
line	date	start	post	delay		
919	5/16/06	19:35:26	19:35:36	0:00:06	Aznx	I have an interesting way to look at this problem.
920	5/16/06	19:35:41	19:35:42	0:00:03	Quicksilver	Tell us
921	5/16/06	19:35:38	19:35:45	0:00:00	Aznx	Can you see how it fits inside a quare?
922	5/16/06	19:35:45	19:35:45	0:00:07	Bwang	yes
	5/16/06	19:35:49	19:35:52	0:00:00	Bwang	[user erased message]
923	5/16/06	19:35:51	19:35:52	0:00:01	Quicksilver	Yes
924	5/16/06	19:35:52	19:35:53	0:00:02	Bwang	oh
925	5/16/06	19:35:55	19:35:55	0:00:06	Bwang	yes
926	5/16/06	19:35:53	19:36:01	0:00:04	Quicksilver	You are sayingthe extra spaces
927	5/16/06	19:35:58	19:36:05	0:00:06	Aznx	Also, do you see if you add up the missing areas

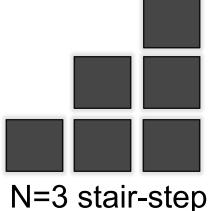
The question: "Can you see how it fits inside a square?"



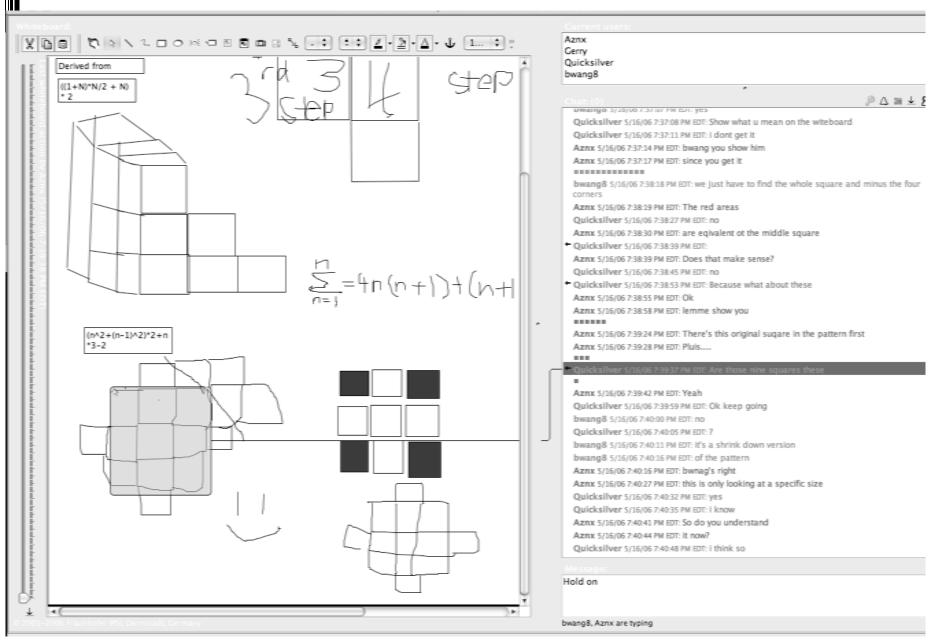


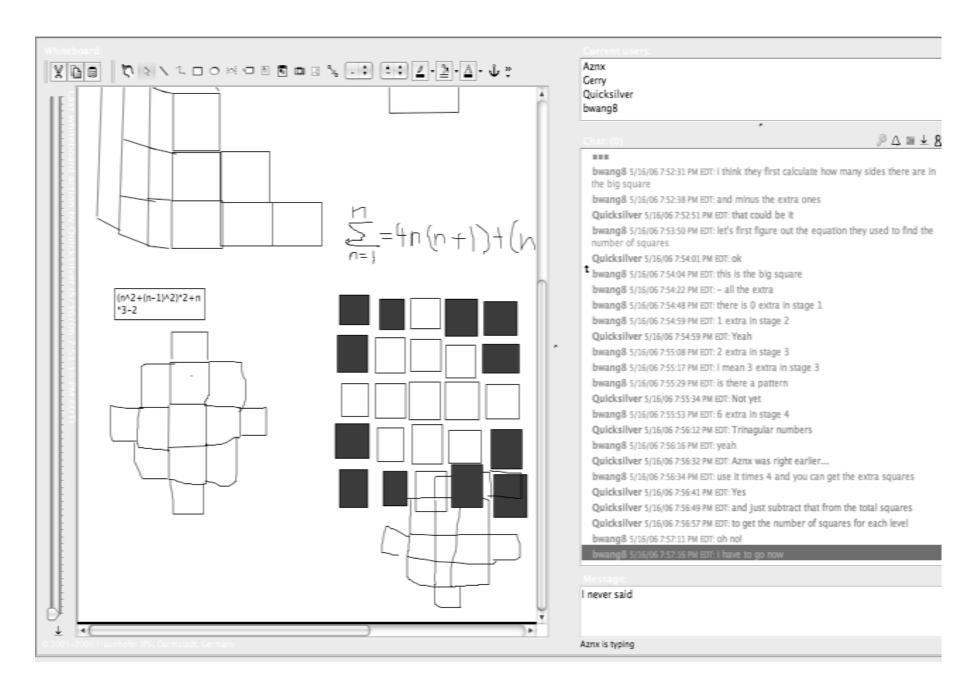






The reference: "it"





Viewing the Learning and Thinking

如何看待学习和思考

Event: VMT Spring Fest '06, Team B

Session: Session 3, May 16, 7 pm

Theme: "I have an interesting way to look at this problem"

Move: Show how to view

Pair: "Can you see how it fits inside a square" "Yes"

Utterance: "Can you see how it fits inside a square"

Reference: "it" → diamond pattern

Unpacking the Group Learning and Thinking

对小组学习和思考的探索

Reference: network of meaning, indexical ground,

joint problem space

Utterance: recipient design for reading's work

Pair: projection and uptake

Move: getting the problem-solving work done

Theme: coherent interactional sequence

Session: temporal structuring and re-membering

Event: forming groups and co-constructing

knowledge artifacts

Move: Getting the problem-solving work done

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919	5/16/06	19:35:26	19:35:36	0:00:06	Aznx	I have an interesting way to look at this problem.
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Reference: network of meaning, indexical ground,

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A New Approach to Computers & Education

对计算机与教育的新探索

Chairman Mao said (1936): "Reading is learning, but applying is also learning and the more important kind of learning at that It is often not a matter of first learning and then doing, but of doing and then learning, for doing is itself learning."

For Further Information

- Talk: http://GerryStahl.net/pub/icce2009keynote.pdf
- Slides: http://GerryStahl.net/pub/icce2009.ppt.pdf
- Website: http://GerryStahl.net
- Email: <u>Gerry.Stahl@drexel.edu</u>
- Group Cognition 小组认知 (2006, MIT Press)
- Studying Virtual Math Teams (2009, Springer)

