## **BUILDING THINKING CLASSROOMS**





Peter Liljedahl

...back in 2003...

20% of students spent 20% of class time thinking

80% of students spent 0% of class time thinking

10 10



















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### 400+ TEACHERS | 15 YEARS | 2 WEEK CYCLES

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#### **CLASSROOM PRACTICES**

1	What are the types of tasks we use?
2	How we form collaborative groups?
3	Where students work?
4	How we arrange the furniture in our classroom?
5	How we answer questions?
6	When, where, and how tasks are given?
7	What homework looks like?
8	How we foster student autonomy?
9	How we use hints and extensions?
10	How we consolidate a lesson?
11	How we give notes?
12	What we choose to evaluate?
13	How we use formative assessment?
14	How we grade?

CLASSROOM PRACTICES		<b>OPTIMAL PRACTICES FOR THINKING</b>
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CLA	ASSROOM PRACTICES	<b>OPTIMAL PRACTICES FOR THINKING</b>
1	What are the types of tasks we use?	Use thinking tasks
2	How we form collaborative groups?	Form frequent visibly random groupings
3	Where students work?	Use vertical non-permanent surfaces
4	How we arrange the furniture in our classroom?	Defront the classroom
5	How we answer questions?	Only answer keep thinking questions
6	When, where, and how tasks are given?	Give tasks early, standing, and verbally
7	What homework looks like?	Give check your understanding questions
8	How we foster student autonomy?	Be intentionally less helpful
9	How we use hints and extensions?	Create and manage <i>flow</i>
10	How we consolidate a lesson?	Consolidate from the bottom
11	How we give notes?	Use meaningful notes
12	What we choose to evaluate?	Evaluate what you value
13	How we use formative assessment?	Communicate to students where they are and where they are going
14	How we grade?	Report out based on data (not points)

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#### **OPTIMAL PRACTICES FOR THINKING**



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#### **CLASSROOM P**



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10% of students spent 50% of class time thinking

> 90% of students spend 100% of class time thinking



# THANK YOU!



- @pgliljedahl | #thinkingclassroom
- Building Thinking Classrooms



- www. buildingthinkingclassrooms.com
- https://bit.ly/3qYGtDU

