10 and 2

"New American Lecture"

Teaching Styles and Strategies  Hanson, Silver, Strong and Schwartz 2003

10 + 2 is a shift in focus from “teaching” to helping students learn.

This strategy gives students more responsibility to gather and process information so we can better help them assimilate it.

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Using the “10 and 2” format, the instructor lectures or presents material for ten minutes, then stops for two minutes. During the 2 minute “pause” students work in a Think-Pair Share group sharing their notes, filling in gaps in their own notes and help each other clarify concepts. Students are usually not allowed to ask the instructor questions during these “pauses.” This builds interdependence among the pairs, causing students to rely on one another for help instead of assuming the teacher will bail them out.

Unresolved questions and issues are usually left for the last five minutes of the period. During this time, students and teacher interact to sort out misconceptions & gaps in data or logic.

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10 and 2 Format

- Anticipatory Set -

2 minutes  **Teacher** poses a topic question & **Students** work in **Think-Pair Share/Clues**

- Direct Instruction -

10 minutes **Teacher** leads presentation

2 minutes **Students** work in “**Think-Pair-Share/Rally Robin-Table**”

10 minutes **Teacher** leads presentation

2 minutes **Students** work in “**Think-Pair-Share/1-2-4**”

10 minutes **Teacher** leads presentation

2 minutes **Students** work in “**Think-Pair-Share/Corners**”

- Summary, Review & Closure -

2 minutes **Teacher** leads presentation

10 minutes **Students** work in “**Think-Pair-Share/Response Cards/Minute Paper**”

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**Results** - Groups that followed this format:

- performed better than control groups on more complex test items,
- had greater long term retention of material,
- had more positive attitudes toward the subject & instructional method, and
- the quality of student questions and in-class notes also improved.

**Confessions of a Converted Lecturer**

http://bestphysicsvideos.blogspot.com/2011/03/confessions-of-converted-lecturer-eric.html

**Don’t Lecture Me**

http://americanradioworks.publicradio.org/features/tomorrows-college/lectures/