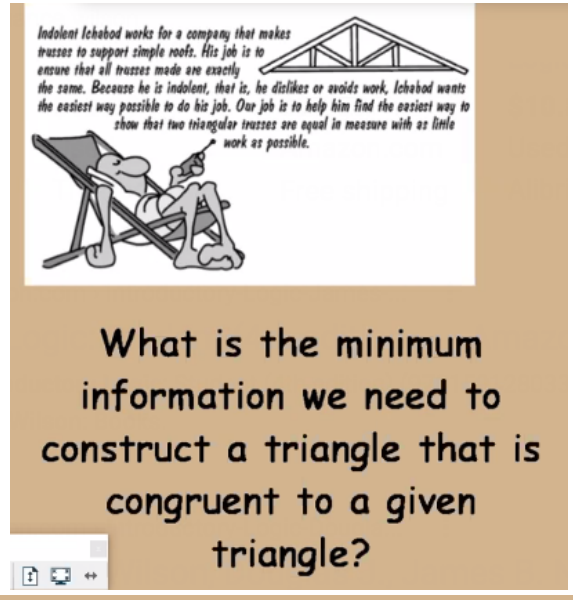
LIMACON Conference

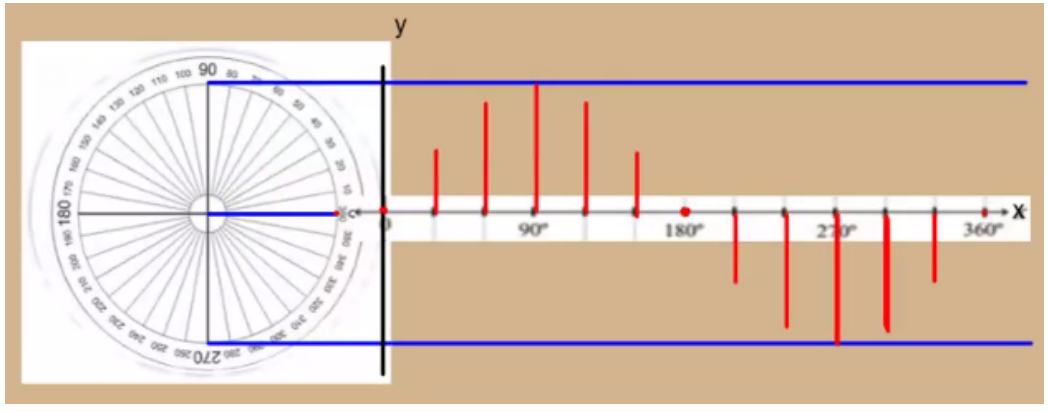
Spring 2021

About

- Long Island Math Conference for Educators.
- Sponsored by TI
- Virtual (Free)
- 16 sessions total (4x elementary, 4x middle, 4x high, 4x general)
- $1500 Scholarship for Minority Students

Session 1: Gems of Geometry





Session 1: Gems of Geometry

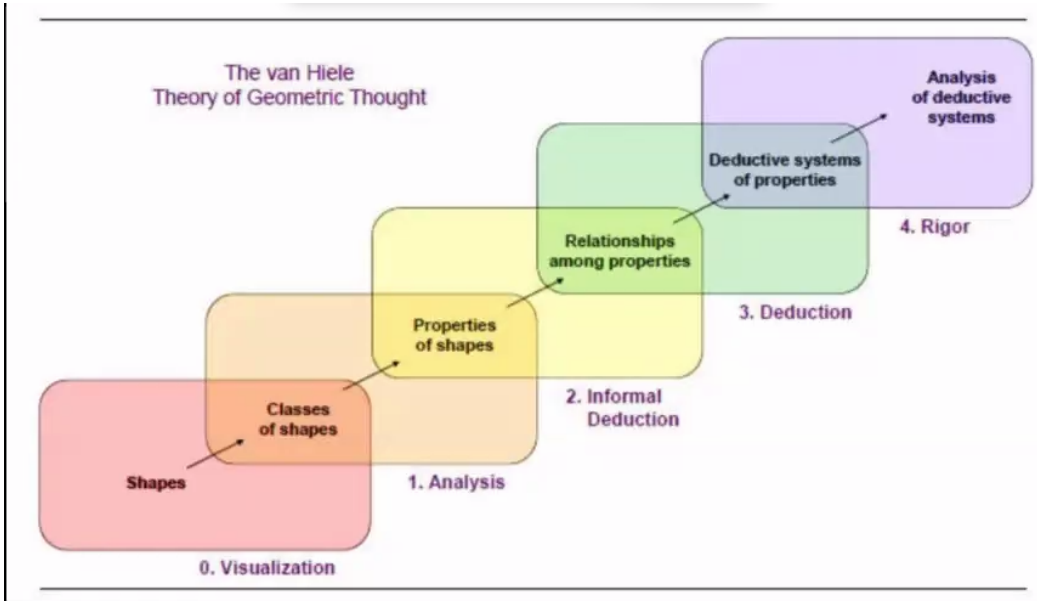


TABLE 1

The Van Hiele theory of geometric thought describes the different levels of understanding through which students progress when learning geometry.

Van Hiele theory of geometric thought

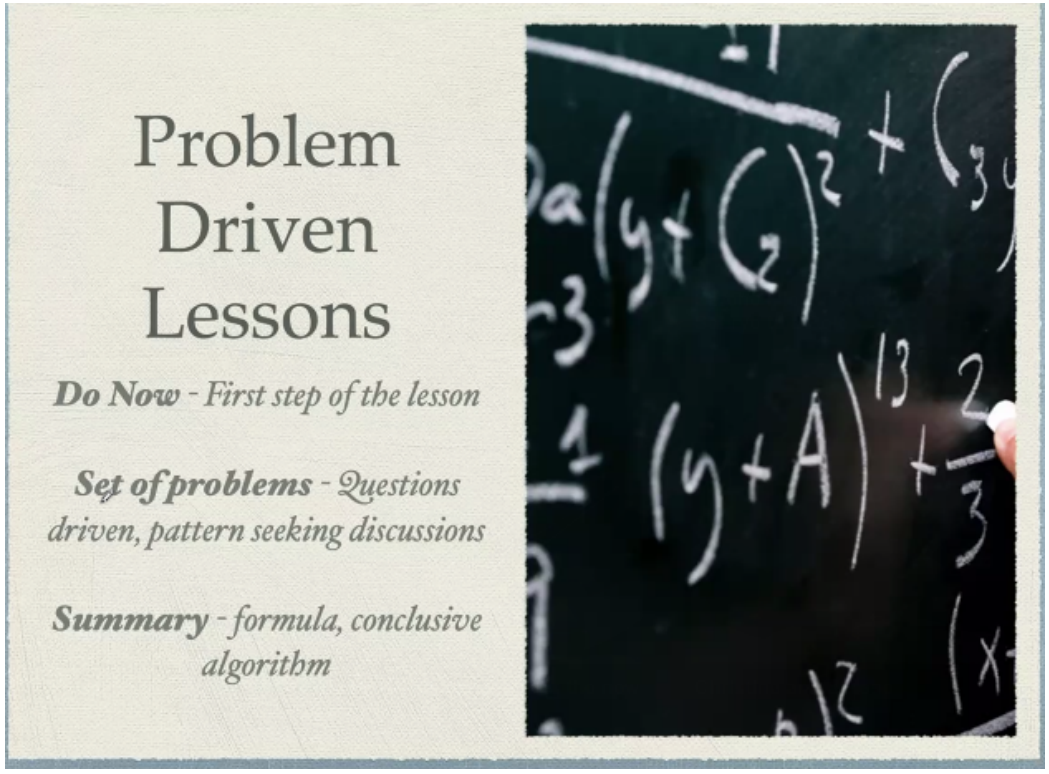
Level	Description	Ability of student
1	Visual	Describes shapes on the basis of their appearance
2	Analysis	Describes shapes on the basis of their properties
3	Abstraction	Recognizes the importance of properties and the relationships among them, which assist students in logically ordering the properties of the shapes
4	Deduction	Attains logical reasoning ability and proves theorems deductively
5	Rigor	Establishes and analyzes theorems in different postulation systems

Session 2: BEST Method

- "BEST" Method for Problem Solving
- Brainstorm, Edit, Starting Point, Tier

Session 3: Lessons for Understanding

- Balancing: algorithms vs. proofs; practice vs. development; "how" vs. "why"; doing vs. enjoying



Session 4: Pixel-Art Activities