Cognitively Guided Instruction (CGI):
Problem-Based, Interactive
Learning in Every Lesson

CGI is a research-based professional development program for elementary teachers.

- Start every lesson with HANDS-ON and beyond–minds-on.
- Students act it out, draw it out, talk it out.
- CGI focuses on the development of children’s thinking and understanding through problem solving.

In a CGI classroom, students communicate how they solved problems to their teacher and other students.

In a CGI classroom, students invent problem-solving strategies that make sense to them.

CGI teachers pose a variety of word problems, often asking students to make selections from several problems with different-sized numbers.

CGI provides teachers with frameworks for understanding the wide variety of problem-solving strategies used by students.

In a CGI classroom, students pose a variety of word problems, often asking students to make selections from several problems with different-sized numbers.

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