

A hand holding a magnifying glass over a yellow oval with text. The background is a dense pattern of numbers and mathematical symbols.

**Focus Talk On
The
Mathematics**

Ground Rules For Our Math - Talk Community

**Every student is
listening to what
others say.**



**Every student can
hear what others say.**



**Every student will
participate by speaking
at some point.**



Mathematical Discourse

Five Talk Moves

Revoicing

The teacher tries to repeat what a student has said, then asks the student to respond and verify whether or not the teacher's revoicing is correct.

"So you're saying..."

Asking Students To Restate Someone Else's Reasoning

The teacher asks one student to repeat or rephrase what another student has said, then follows up with the first student.

"Can you repeat what he just said in your own words?"

Asking Students To Apply Their Reasoning To Someone Else's Reasoning

Students make their own reasoning explicit by applying thinking to someone else's contribution.

"Do you agree or disagree and why?"

Prompting Students For Further Participation

The teacher asks for further commentary.

"Would someone like to add on?"

Using Wait Time

The teacher waits at least ten seconds for students to think before calling on someone for an answer.

"Take your time... we'll wait."

Classroom Discussions: Using Math Talk To Help Students Learn -Chapin, O'Connor, and Anderson

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