**Guidelines for Whole-Class Math-Talk**

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| Explain | **"This is my solution/strategy..."**  **"I think \_\_\_\_\_\_\_ is saying that..."** | **Explain and show your thinking.**  **Rephrase what another student has said.** |
| Agree with reason | **"I agree because..."** | **Agree with another student and describe and explain or show how your thinking/solution differs.** |
| Disagree with reason | **"I disagree because..."** | **Disagree with another student and explain or show how your thinking/solution differs.** |
| Build On | **"I would like to build on that idea..."** | **Build on the thinking of another student through explanation, example, or demonstration.** |
| Go Beyond | **"This makes me think about..."**  **"Another way to think about this is..."** | **Extend the ideas of other students by generalizing or linking the idea to another concept.** |
| Wait Time | **...** | **Wait to think about what is being said after someone speaks (try 5 seconds).** |

From <https://www.edu.gov.on.ca/eng/literacynumeracy/inspire/research/Bruce.pdf> Student Interaction in the Math Classroom: Stealing Ideas or Building Understanding