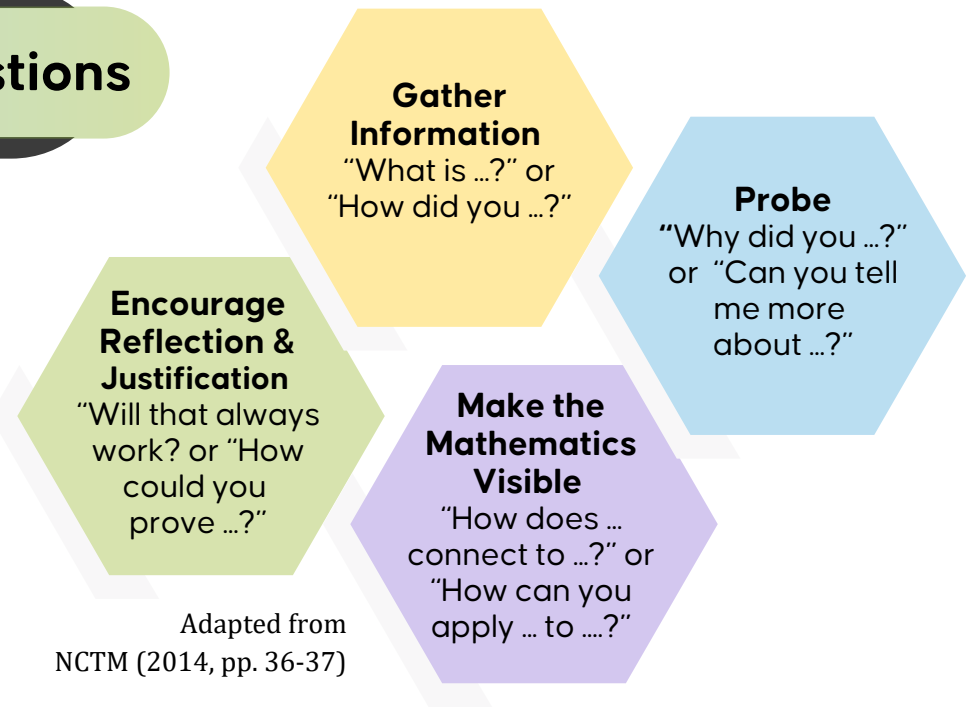


Effective teaching of mathematics uses purposeful questions to assess and advance students' reasoning and sense making about important mathematical ideas and relationships.

NCTM (2014, p. 35)



### As a teacher I...

- plan and ask a variety of questions to gather information, probe thinking, make the math visible and encourage reflection & justification.
- use questions to support student thinking without funneling students towards a particular answer or procedure.
- pose questions both for assessing student knowledge and thinking and to advance students' thinking.
- use wait time to show their thinking is valued and all students have enough time to think before they answer.

Adapted from NCTM (2014, p. 41)

### so that my students...

- think more deeply, understand the math more clearly, and have opportunities to explain their thinking.
- are ready to explain, clarify, and elaborate on their thinking.
- take their time to answer questions carefully instead of rushing.
- think about why their answers make sense and are able to justify their work.
- listen to their classmates, ask questions, and share their thoughts about others' ideas.

