

## MLR 5: Co-craft Questions

**Hook:** Provide students with a hook.

- The hook can be:
  - Context or a stem for a problem, with or without values
  - A picture, video, or list of interesting facts

**Generate:** Ask students to write down possible mathematical questions about the situation (1-2 minutes).

- A mathematical question could be:
  - Answerable by doing math and about the situation
  - Information that might be missing
  - Assumptions they think are important

**Compare:** Identify mathematical questions aligned to the lesson

- Have students compare their questions with a partner (1–2 minutes) and then share with the class.
- Demonstrate how to identify specific questions that are aligned to the content goals of the lesson as well as the disciplinary language function.
  - Alternatively, ask students to demonstrate.
- Demonstrate adapting a question to align with specific content or function goals, if there are no clear examples.
  - Alternatively, ask students to adapt questions (2–3 minutes).

**Reveal:** Show students the actual questions that they will work on.

- Alternatively, select them from the list that students generated.