**Recommendations for Task/Lesson Design**

- Open the task to encourage multiple methods, pathways and representations.
- Pose a problem before teaching the method.
- Design a task that allows all learners to contribute to the learning and have room for extension.
- Make opportunities for students to authentically share their thinking with peers.
- Add a visual component.
- Add the requirement to convince and reason, be skeptical.

**Powerful Questions to develop a deep level of understanding**

- How do you see that idea?
- Why does that answer make sense?
- Why does that method work?
- How is that method connected to others?
- How can that idea be represented in different ways?
- Can you prove it?
- Can you prove it visually?
- Can you justify your thinking?
- Can you predict what would happen if....?
- Did you make any interesting mistakes?

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