Math Big Ideas and Big Questions

Math: It depends

Is math flexible?

What matters in math?

Can math be wrong?

When is math wrong?

Math means many answers

Who cares about measurement?

Does order matter?

Finding out the unknown helps us make sense of our world.

Does math make sense?

Is everything quantifiable?

How precise must we be?

How is algebra real and how is it unreal?

Are numbers real?

What is a number?

How does what we measure influence how we measure?

When is simplification helpful and when is it harmful?

How sure are you?

Order gives us order

Solving problems means trying many things

If at first you don’t succeed, try, try again.

It’s all about the symbol.

Math is about relationships.

What makes a number?

How do shapes help us view the world?

How are shapes going to help me?

Why do we have shapes? (Why do we label them, describe them and use them?)

Was there a time when shapes weren’t important?