Make Sense of Science Class

Hold up now, what was your teacher just saying? Sometimes it’s tricky to take what you’ve learned in science class and make sense of it. Try some Good Thinking! on for size—take a minute and ask yourself about some of these brain teasers.

- I understand all the words or terms used in class.
- The way the science was explained made sense to me.
- I can put this idea into my own words.
- I can describe these ideas in a new way.
- I can draw a picture or diagram to represent how this idea works.
- I can imagine designing an experiment that could test this idea.
- I understand the facts that support this scientific idea.
- I believe that this explanation might be true.
- I can imagine problems this idea could help solve.
- This idea helps me think of other questions and curiosities I have about the world.
- I explained this idea the best way that I could.
- This idea explains things I have wondered about.
Good Thinking! The Science of Teaching Science is a free, engaging, and entertaining new web series designed to support science educators. The series reaches into the top educational research journals to bring to life the latest research-based practices that are relevant to seasoned and novice science educators alike!

A first-of-its-kind series, Good Thinking! comprises short, animated videos that explore pedagogical ideas across a range of subject-matter topics such as energy, cells, and gravity, as well as cognitive research findings on topics such as student motivation or the myth of left- and right-brained people. Good Thinking! shines a light on the classroom and pedagogical challenges teachers face and provides solid, research-based ideas that promote student understanding. The series enhances K-8 science education and deepens understanding of STEM topics, for teachers and students alike.

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