

## Presentations

**The top table has links to mp4 videos of presentations with my voice explaining the PPT. The bottom table has PPTs of presentations without my voice but you can download the PPTs. This bottom table contains PPTs for the presentations in the top table and also many older presentations.**

**Many of these presentations are related to Teaching Progressions that have more detail. The relevant Teaching Progression codes are in purple at the end of each presentation below. Go to the Teaching Progressions page to watch a particular Teaching Progression.**

### Videos of me presenting the PPT

- Fuson, K.C. (2024, September 17). *How Word Problems Can Strengthen Language Development Using Math Talk* Presented as an edWeb webinar on 9 17 2024. **MTC 1, 2, OA 1**
- Fuson, K.C. (2024, August 9). *Why Accessible Algorithms?* Presentation at Shannon Kiebler's Summit for Teachers on <https://www.empowerlearngrow.com> **NBT 1 2 3**
- Fuson, K.C. (2024, June). *Base-Ten Knowledge: Language, Meanings, and Units*. Discussion presented at The Mathematical Cognition and Learning Society, June, 2024. **NBT 1, 2, 4, 5**
- Fuson, K.C. (2024, February 3). *When and Why to Use Small Groups* Presentation at Shannon Kiebler's Summit for Teachers on <https://www.empowerlearngrow.com> **MTC 1, 2**
- Fuson, K.C. (2023, August 5). *Building a Nurturing Math Talk Community for Sense Making* Presentation at Shannon Kiebler's Summit for Teachers on <https://www.empowerlearngrow.com> **MTC 1, 2**
- Fuson, K.C. (2023, August 4). *Building Understanding of Fraction Operations* Presentation at Shannon Kiebler's Summit for Teachers on <https://www.empowerlearngrow.com> **NF 1, 2, 3, 4**
- Fuson, K.C. (2023, April 12). *Building Math Talk for Sense Making in the Classroom*. Presented as an edWeb webinar on 4 12 2023. **MTC 1, 2**

### PPTs of my presentations

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- Fuson, K.C. (2023, April 12). *Building Math Talk for Sense Making in the Classroom*. Presented as an edWeb webinar on 4 12 2023. **MTC 1, 2**

- Fuson, K.C. (2023, February). *Building a nurturing Math Talk Community*. Presented at the Nebraska Association for Teachers of Mathematics PPEC (Pre-Professionals/Early Career) Conference. **MTC 1, 2 NBT 1, 2**
- Fuson, K.C. (2022, March). *Teaching the Best Computation Methods*. Presented at the Department of Mathematics, UCLA, Los Angeles. **NBT 1, 2, 3, 4, 5, 6, 7**
- Fuson, K.C. (2021, April). *Relating the NCTM Mathematics Teaching Practices to Support Learning Difficult Math Topics*. Presented at the Virtual Annual Conference of the National Council of Teachers of Mathematics. **NBT 1, 2, 3, 4, 5, 6, 7, NF 1, 2, 3, 4**
- Fuson, K.C. (2021, March). *Balanced Learning Path Teaching in the Classroom and Remotely*. Presented at the Department of Mathematics, UCLA, Los Angeles. **MTC 1, 2**
- Fuson, K.C. (2020, March). *Relating Decimals, Fractions, and Ratios for Deeper Understanding: How Are They Alike and How Are They Different?* Presented at the Annual Conference of the National Council of Supervisors of Mathematics, Chicago, IL. Presented as a webinar and recorded by NCSM because the conference was cancelled. **NBT 4, 5, 6, 7, NF 1, 2, 3, 4, RPI, 2**
- Fuson, K.C. (2019, April). *PK Early Math Learning: Preparing All Children for Kindergarten Success*. Presented at the Annual Conference of the National Council of Teachers of Mathematics, San Diego, CA. **OA 2, NBT 2, G 1, PK**
- Fuson, K.C. (2019, April). *Deepening and Connecting Geometry, Geometric Measurement, and Operations and Algebraic Thinking (OA) Within and Across the Grades*. Presented at the Annual Conference of the National Council of Supervisors of Mathematics, San Diego, CA. **OA 1, MD 1, 2, 3, 4, 5, 6, 7, 8, and G 1, 2, 3, 4, 5**
- Fuson, K.C. (2019, April). *Relating Number and Geometry in the Early Grades*. Presented at the Annual Conference of the National Council of Teachers of Mathematics, San Diego, CA. **OA 2, NBT 2, G 1, PK**
- Fuson, K.C. (2018). *Relating Fractions, Measurement, and Data with Meaningful Number Lines*. Presented at the Annual Conference of the National Council of Teachers of Mathematics, Washington, D.C. **NF and MD 1, 2, 3, 4, 5, 6, 7, 8**
- Fuson, K.C. (2018). *Student drawings of length models can support understanding of fraction computation*. Presented at the Research Pre-session of the Annual Conference of the National Council of Teachers of Mathematics, Washington, D.C. **NF**
- Fuson, K.C. (2018). *Connecting Geometric Measurement, Other Measures, and Data Use Standards to Each Other and to Standards in Other CCSS Domains*. Presented at the Annual Conference of the National Council of Supervisors of Mathematics, Washington, D.C. **MD 1, 2, 3, 4, 5, 6, 7, 8 and NF 1, 2, 3, 4**
- Fuson, K.C. & Decker, R. S. (2017, April). *Learning cycles and mathematical practices in the classroom math talk community*. Presented at the Annual Conference of the National Council of Teachers of Mathematics, San Antonio, TX. **Math Talk 1 and 2 and NBT 1, 2, 3, 4 and OA 1, 2, 3, 4**
- Grandau, L., Fuson, K. C., & Johnson, D. (2017, April). *Supporting teachers to systematically analyze students' strengths and struggles and identify next moves*. Presented at the Annual Conference of the National Council of Supervisors of Mathematics, San Antonio, TX. **OA 1, 2, 3, 4 and NBT 1, 2, 3, 4**
- Fuson, K.C. (2017, April). *Kindergarten and grade 1 children living in poverty can learn the CCSS NBT concepts*. Presented at the Annual Conference of the National Council of Supervisors of Mathematics, San Antonio, TX. **NBT 1, 2, 3, 4**

- Fuson, K.C. & Smith, S. (2016, April). *Children living in poverty can solve CCSS OA word problems*. Presented at the Annual Conference of the National Council of Teachers of Mathematics, San Francisco, CA. **OA 1, 2, 3, 4**
- Fuson, K.C. (2016, April). *Supporting the CCSSM NF learning progression and avoiding errors by using the standards for Mathematical Practice (SMP)*. Presented at the Annual Conference of the National Council of Supervisors of Mathematics, Oakland, CA. **NF**
- Fuson, K.C. (2015, November). *Building a Nurturing Math Talk Teaching-Learning Community*. Presented at the Annual Conference of the California Math Council-South, Palm Springs, CA. **Math Talk 1 and 2**
- Fuson, K.C. (2015, April). *Tasks that support problem solving, reasoning, and CCSS Mathematical Practices*. Presented at the Annual Conference of the National Council of Teachers of Mathematics, Boston, MA.
- Fuson, K.C. (2015, April). *Research-Based learning progressions in the K-6 CCSS and the Mathematical Practices*. Presented at the Annual Conference of the National Council of Supervisors of Mathematics, Boston, MA.
- Beckmann, S. & Fuson, K.C. (2014, April). *Meaningful approaches to algorithms for decimals*. Presented at the Annual Conference of the National Council of Teachers of Mathematics, New Orleans, LA. **NBT 1, 2, 3, 4**
- Fuson, K.C. & Beckmann, S. (2014, April). *Using math drawings and Math Talk for understanding algorithms*. Presented at the Annual Conference of the National Council of Teachers of Mathematics, New Orleans, LA. **NBT 1, 2, 3, 4**
- Fuson, K.C. (2014, April). *The CCSS OA Learning Progression: Coherent visual models that support problem solving and the Mathematical Practices*. Presented at the Annual Conference of the National Council of Supervisors of Mathematics, New Orleans, LA. **OA 1, 2, 3, 4**
- Fuson, K.C. & Beckmann, S. (2013, April). *Teaching phases and standard algorithms in the Common Core*. Presented at the Annual Conference of the Association of State Supervisors of Mathematics, Denver, CO. And a related presentation: *From strategies to variations in the standard algorithms*. Presented at the Annual Conference of the National Council of Supervisors of Mathematics, Denver, CO. **NBT 1, 2, 3, 4**
- Fuson, K. C. & Beckmann, S. (2012, April). *Multiplication to ratio, proportion, and fractions within the Common Core*. Presented at the annual meeting of the National Council of Teachers of Mathematics, Philadelphia, PA. **NF and RP**
- Beckmann, S. & Fuson, K. C. (2011, April). *Teaching area in the Common Core through decomposing and composing*. Presented at the Annual Conference of the National Council of Teachers of Mathematics, Indianapolis, IN. **G 2 MD 2 3**