



Explore the Content of the Revised K-8 Mathematics TEKS



Fall Meeting – October 21, 2013



RUSMP Team

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Overview of the Day

Morning Session 9:00 a.m. – 11:30 a.m. (whole group)

9:00 – 10:00 a.m.	Introductions, Mathematics activity, and Discussion
10:00 – 10:15 a.m.	Break
10:15 – 11:30 a.m.	Ramping up the rigor in mathematics lessons

Lunch 11:30 a.m. – 12:30 p.m.



Overview of the Day

Afternoon Session I 12:30 p.m. – 2:30 p.m.
(K-5 and 6-8 TEKS breakout sessions)

12:30 – 2:15 p.m.	Decoding the language of the TEKS, Interpreting the mathematics in the TEKS
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2:15 – 2:30 p.m.	Break
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Afternoon Session II 2:30 p.m. – 3:00 p.m. (whole group)

2:30 – 3:00 p.m.	Debriefing and next steps
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Which process standards in the revised TEKS are illustrated by this problem?





Ramping Up The Rigor In Mathematics Lessons



Egg Dilemma

Anne has eggs to sell. Anne sells half of the eggs plus half an egg to Carolyn, then sells half the remaining eggs plus half an egg to Susan, and finally sells half the remaining eggs plus half an egg to Alice. At the end of these three sales, Anne is out of eggs. The strange thing is that Anne never had to break an egg.

How many eggs did Anne begin with?



Discussions

- Which concepts could be developed using this problem?
- For which grade levels would this problem be appropriate?
- Which of the revised TEKS does this problem support/address?



Extensions

- How could this activity be differentiated for different student populations?
- How would problems like this “ramp up the rigor” of mathematics lessons?



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