Dr Math at your Service

4th Biennial Conference

Laurie Butgereit

October 9, 2012
Parents helping with mathematics homework

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End Result?

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What We Did
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Genius is 1% inspiration and 99% perspiration
How Dr Math Works

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Safety and Security

Minor children and teenagers completely anonymous

We identify all the tutors

Hide and/or intercept all telephone numbers
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Hide and/or intercept all telephone numbers

Create nicknames or aliases for all participants
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Ethics clearance
Sample Conversation

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Sample Conversation

Pupil:  changn frctns 2 %
Dr Math:  sure type in the fraction you have
Pupil:  1 ova 15
Dr Math:  so do the actual division what is one divided by 15
Pupil:  is 15
Dr Math:  no use a calcluator
Pupil:  0,06
Dr Math:  well it is 0,0666666 recurring right?
Pupil:  yes it is
Dr Math:  now for a percentage, move the decimal 2 points to the right so it is 6.666% recurring then round to 6.67%

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Historical Statistics

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Over 700 registered tutors since 2007
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91 Volunteer tutors
2012 Statistics

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Over 1,000 actual hours
2012 Statistics

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Over 1,000 actual hours

Over 2,500 “effective” hours
2012 Statistics

91 Volunteer tutors

Over 1,000 actual hours

Over 2,500 “effective” hours

Over 9,000 pupil-tutor interactions
Tutors tell us they learned a lot.
Tutors tell us they learned a lot

Pupils comment that it must be fun to be Dr Math
Tutors tell us they learned a lot

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Dr Math as a Research Platform

South African PhD student in the UK uses the platform to tutor Life Orientation and Life Skills
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Future Research or Functionality

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