

Workshop:

Teachers and Researchers Talk About Classroom Connectivity

Presenters:

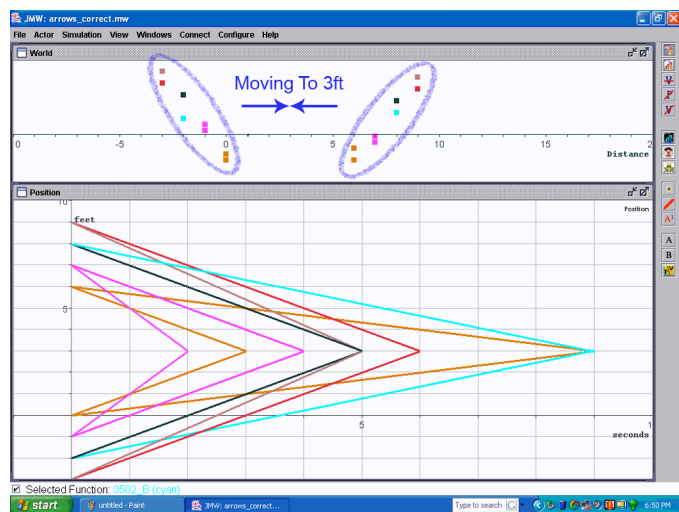
Stephen J. Hegedus, Sara Dalton, *University of Massachusetts*, Julie Sunderland, *Dighton-Rehoboth High School*, Catie Marchessault, *Dartmouth High School*, Nicole Thuestad, *Fairhaven High School, MA*

Date: Friday, 23rd March 2007, 3.00pm-4.30pm, Convention Center - C206

Abstract: Listen to teachers and researchers discuss their experiences using SimCalc MathWorlds™ and TI-Navigator™ in their high school classrooms. We share analyses of their impact on students' learning and teaching styles and beliefs from our research studies.

1. Introduce software – 5 min.
2. **Demonstration: Coming Together and wrong answers – 10 min.**

You and your partner will start at different positions. You are positioned G (your Group-number) away from 3 feet. The person with the odd count-off # will start to the right of 3 feet. The person with the even count of # will start to the left of 3 feet. You and your partner must meet at 3 feet at the same time. You and your partner will determine the amount of time you will travel for. The group CANNOT travel for the same amount of time, only you and your partner can. You must create a linear expression for your motions.



Arrows following a correct aggregation in SimCalc MathWorlds

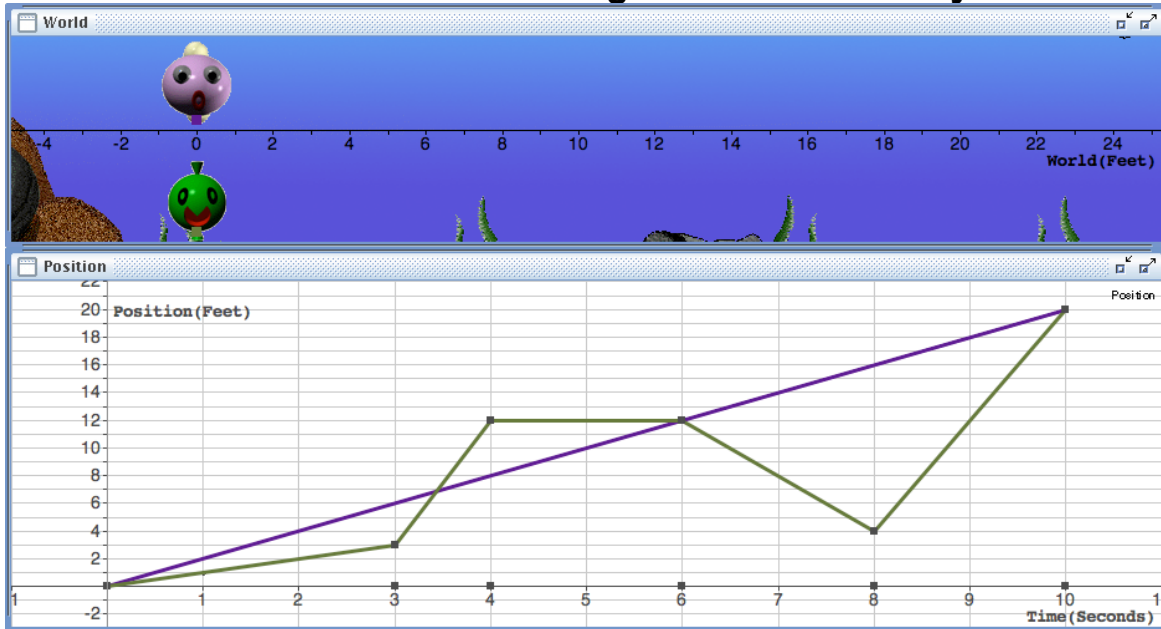
3. Watch video clip of Julie Sunderland's classroom – 3 min.
4. Julie Sunderland discusses clip (teacher's perspective) – 5 min
5. Stephen Hegedus discusses clip (researcher's perspective) – 5 min.
6. Catie Marchessault/Nicole Thuestad discusses clip (teacher's

perspective) – 5 min.

7. Sara Dalton discusses clip (researcher’s perspective) – 5 min.

8. Audience Discussion – 10 min.

9. Demonstration: Intro to Exciting Sack Race Activity – 5 min.



10. Watch video clip of Catie Marchessault’s classroom – 5 min.

11. Catie Marchessault discusses clip – 5 min.

12. Sara Dalton discusses clip – 5 min.

13. Nicole Thuestad/Julie Sunderland discusses clip – 5 min.

14. Stephen Hegedus discusses clip – 5 min.

15. Audience Discussion and wrap up – 10 min.