

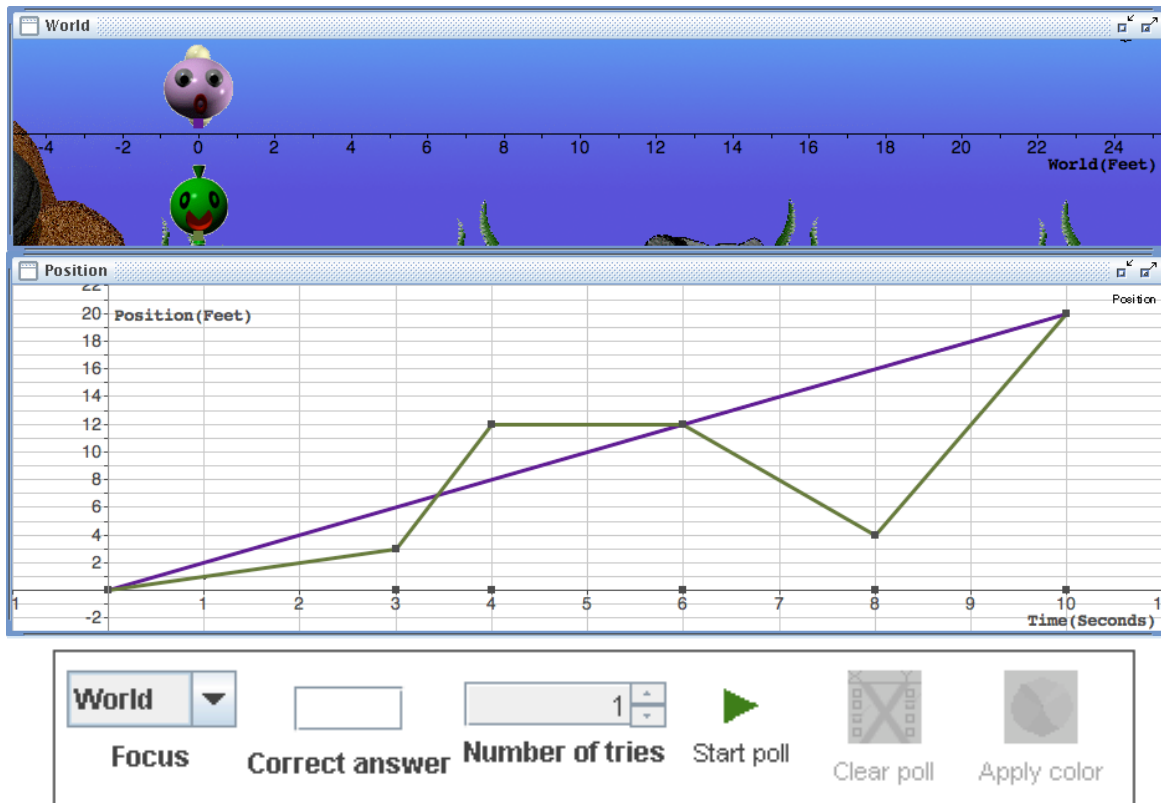
Workshop:
New Forms of Participation with Wireless Classrooms

Presenters:
Stephen J. Hegedus, James Burke, *University of Massachusetts*

Date: Thursday, 22nd March 2007, 3.00pm-4.30pm, Convention Center - C206

Abstract: Wirelessly connect your students' work in mathematically meaningful ways. Aggregate work into a whole-class display for comparison and generalization, and experience new forms of participation in your Algebra 1 classrooms

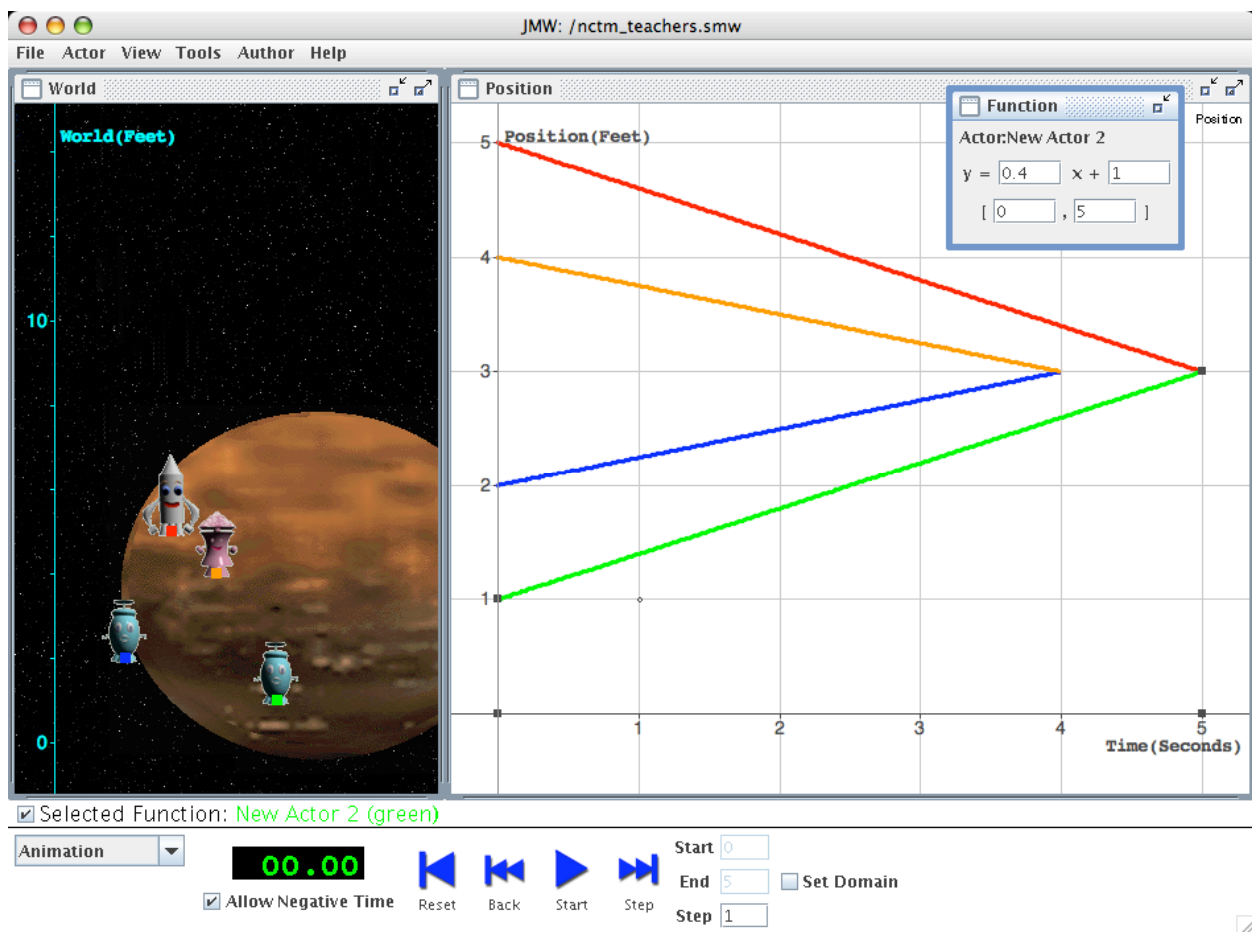
1. Introduction to SimCalc MathWorlds – 10 mins
2. A qualitative approach to ideas of slope and rate using dynamic, interactive representations: Exciting Sack Race – 10 mins
3. Introduction to classroom connectivity – the idea of aggregating and comparing student work publicly & formative assessment via polling the audience – 10 mins



4. Audience Participation – 15 mins

5. Reflections on Connectivity – 5 mins

6. Exploring Parametric Variation, using connectivity to work across representations, – 20 mins



7. Impact on learning and student participation – results from MA study – 10 mins

8. Conclusions and future work – 5 mins