



We welcome you to join our community of professional educators for

Five Fridays for Math and Science Grades 6-12

Wondering how to support your secondary math and science teachers? Since budgets are tight, we've crafted a flexible, targeted PD series that provides teachers with 5 full-day opportunities to gain expert support for their planning and practices. The Rockefeller University co-sponsors the event with EduChange and provides a beautiful, peaceful and prestigious academic setting for highly productive work. Teachers leave with tangibles!

Run conference-style, **teachers and administrators craft their own agenda**, selecting from the following possibilities:

■ **Protected Working Space & Time for Participants**

- Five days of support at critical junctures during the school year—prepare for the next marking period, align planning to school-wide initiatives, structure your test prep
- Expert support by EduChange curriculum and instruction specialists
- Supported one-on-one, small group & subject-specific planning time
- CTT Planning
- Departmental & Team Meetings focused on instructional issues (EduChange facilitation optional)
- Networking with Other NY Educators

■ **Planned Workshops:**

- *The Differentiated Planning Assistant*: Our UBD-based software application has been upgraded and is a powerful tool for tracking plans for target student groups, as well as the class as a whole. Teachers in attendance receive a free copy, and learn how to plan for differentiated instruction with ease.
- Subject-specific Academic Vocabulary Workshops with *Concept Construxions*[®]: If building background knowledge through academic language is on your mind (as it is for the rest of the nation), come learn strategies to use with all students, utilizing a unique, systematized, hands-on tool.

- Using Data Sustainably: Craft instruments to garner important and useful information about the individual learners in your classroom, and think about smart ways to connect this information to that found in school databases (e.g., test scores, IEPs, etc.). Also consider when and where in your curriculum to use certain data.
- Differentiated Instruction Showcase: We've designed a complete lesson series in each discipline to demonstrate practical tactics for differentiated instruction. Come experience and debrief it—and then take the materials back to school!
- Critical Thinking with Science Reference Tables: Reference tables are ever-present in the all science subject areas. Are you giving your students strategies for understanding and using them to their advantage? Did you realize that using reference tables with facility supports performance on Regents Exams—even Living Environment?
- Beyond the Item Analysis: Smart Ways to Use Regents Data to Inform Instruction: If you're still not sure about how to make these data relevant to your planning and practice, we'll give you a preview of the customized analysis workshops we've conducted around the City.
- Multiple Genres, Multiple Perspectives: Science teachers will be immersed in compelling historical and current scientific contexts in order to illuminate ways to teach using multiple perspectives. Reading strategies tied to the use of traditional and new media as class texts also will be explored.
- Others to be designed according to participant feedback: We will target sessions according to both interest and time of year.

■ **Keynote Address by Dr. Sandy Simon of The Rockefeller University**

Dr. Simon is our host and has served as advisor to EduChange for over 8 years. An acclaimed teacher and presenter, Dr. Simon will welcome the group by sharing his commentary related to the daily themes (his schedule permitting). Please see his bio on the third page of this flyer.

Remaining Dates:

February 5, 2010

April 9, 2010

May 21, 2010

For added flexibility, you may choose any combination of days.

***Enrollment Deadline for Each Day: Two Weeks Prior
Space Is Limited ~ Apply for Multiple Days Now***

■ The Details...

- **Location:** The Rockefeller University campus at 66th and York in Manhattan. Directions, building locations, and maps will be provided upon enrollment.
- **Daily Timeframe:** 8:30 am – 3:00 pm
- **Cost:** \$200 per teacher per day; any combination of days possible. Half-days are not possible for this event.
- Final daily schedules will be determined based on participant interest and will be emailed along with directions and other pertinent information upon confirmation.
- **A Purchase Order must be established two weeks prior to the event.** Please email a copy of the PO representing costs for ALL participants from a single school to Catherine@educhange.com or FAX to 646-613-8444. Educators will not be admitted without a copy of the PO on file! NYC DOE vendor number: 134106499. Purchase Orders will be charged in full; please keep your commitments.
- Rockefeller University provides wide array of breakfast and lunch choices meeting a variety of dietary needs. It is possible to get snacks and beverages throughout the day, though a hearty breakfast and lunch are provided.

This event can help teachers gain valuable in-service hours.

A total of 30 hours (2 in-service credits) may be earned.

Our illustrious host...

Dr. Sandy Simon

Our collaborator for eight years, Dr. Simon is the Head of the Laboratory of Cellular Biophysics and Professor of The Rockefeller University. Dr. Simon examines everything from single molecules moving in a cell, to single viruses as they assemble, to single cancer cells as they metastasize through the body. His work emphasizes the importance of studying single events, biomolecules and cells as a way of gaining insight into the behavior of more complicated timeframes, structures & systems. And, he designs some of the technology used to conduct his work! His recent imaging work with HIV was named one of the "Top 100 Science Stories of 2008" by *Discover* Magazine. Dr. Simon also made remarkable contributions to the Nobel Prize-winning work of Günter Blobel, also a Rockefeller Lab Head. Dr. Simon has been active in science education since the '70s. In 2006 he was recognized for his outstanding teaching at Rockefeller and was recognized for his contributions to science education at Bard College in 2007. As always, we are grateful that Dr. Simon will be a keynote speaker.

Educator Enrollment Form

“Five Fridays for Math and Science” with EduChange at The Rockefeller University

Name: _____

Email Address (the one you check): _____

Contact Phone Number: _____

School Name: _____

Grade Levels Taught in 2009-2010 (list all): _____

Subjects/School Roles in 2009-2010 (list all instructional roles): _____

Dates of Participation (check the box for all that apply):

- | | |
|--|--|
| <input type="checkbox"/> Friday, October 30, 2009 | <input type="checkbox"/> Friday, April 9, 2010 |
| <input type="checkbox"/> Friday, December 11, 2009 | <input type="checkbox"/> Friday, May 21, 2010 |
| <input type="checkbox"/> Friday, February 5, 2010 | |

I am very interested in (check the box for all that apply):

- | | |
|--|--|
| <input type="checkbox"/> Differentiated Planning Assistant Software & Workshop | <input type="checkbox"/> Subject-specific Academic Vocabulary (Math & Science) |
| <input type="checkbox"/> Multiple Genres, Multiple Perspectives (Science) | <input type="checkbox"/> Smart Ways to Use Regents Data (various exams) |
| <input type="checkbox"/> Using Data Sustainably (Both subjects) | <input type="checkbox"/> Other Topics You'd Like to See: |
| <input type="checkbox"/> Critical Thinking with Reference Tables (Science) | _____ |
| <input type="checkbox"/> Differentiated Instruction Showcase (Both Subjects) | _____ |

What, specifically, would you like to gain, learn or accomplish?

FAX one (1) enrollment form per educator to 646-613-8444
OR Scan and email to Catherine@educhange.com