



EDC's Center for Children and Technology (CCT) is happy to announce that we are currently recruiting motivated seventh- and eighth-grade science teachers and their students to participate in the *Playing with Data* pilot study. This study will examine how teachers use data from students' digital gameplay to make decisions about their instruction. Students will play LRNG-GlassLab's *Mars Generation One* game, designed to support the teaching and learning of argumentation; teachers will use the accompanying data dashboard, which provides real-time data reports about student gameplay relating to argumentation practices. As a part of the study, teachers will also implement a mini-unit that integrates argumentation skills practiced in gameplay within lessons on energy. The lessons and materials are aligned with the Next Generation Science Standards (NGSS).

We are looking for teachers who are willing to use the *Playing with Data* supplemental materials and the *Mars Generation One* game during Spring 2017 or Fall 2017. Teachers who participate in the study will receive a stipend of \$500 (in accordance with their school district policy). You can learn more about the project at <http://playingwithdata.edc.org>.

Opportunities for Participation

1. Participate in a pilot study in **March-May 2017**, including
 - a) participate in one webinar;
 - b) use the game and mini-unit for 15 consecutive class periods;
 - c) complete an online pre- and post- survey and a weekly implementation checklist;
 - d) participate in 3 think-aloud sessions and a post- interview;
 - e) review the LRNG-GlassLab teacher dashboard three times;
 - f) agree to be observed by researchers three times while teaching;
 - g) coordinate collection of student consent forms for participation in the study; and
 - h) distribute a student pre- and post- assessment on argumentation.

OR

2. Participate in a larger impact study, including using the game and a mini-unit for 15 class periods in **Fall 2017** and participating in research activities similar to the Spring pilot described above.

To be eligible for the pilot and impact study, teachers must have access to iPads and Internet for every student during classroom periods when implementing the *Playing with Data* mini-unit.

Participating teachers will receive stipends up to \$500, commensurate with their level of involvement in the study. Teachers who participate in the pilot study or impact study will also receive teacher lesson plans (a supplemental mini-unit), premium access to the LRNG-GlassLab teacher dashboard, and premium access to all LRNG-GlassLab games for all participating students for one calendar year.

If you're interested in participating, please email Heather Kim at hkim@edc.org.