To Science Club volunteers for Nov 5th.     (Diego, Pattie, Holly, Beth, Debbie, & Owen M.)

Thank you for volunteering to help.   Attached are some materials that will be used during the session.   There will be three different activities for the kids:

1.      Constellation identification:  I will have un-named constellations on boards in the room.  The kids will have a sheet that will help them identify the constellations.

2.      Toilet paper solar system (web link attached).  The kids use a roll of TP to help them mark out distances between the sun and planets.  It helps them see how far away the outer planets really are.

3.      Crater formation.  A fun and potentially very messy activity (will need help to keep this one in control).  In this exercise the kids will drop different sized/weight balls onto a mix of flour and some drink mix (to approximate different layers of soil).  They will measure the size and depth of the resulting craters that are formed.  This exercise illustrates how the crust of the Earth and Moon have been altered by meteorite impacts and how the composition of the meteorite, along with it’s size determines the size of the crater.

If you could be there at 3:00 to help set up and coordinate how to divide the kids up, that would be great.  I have attached some of the other materials I will be using for the activities.

Thanks so much for your help!  And please drop me an email if you have any questions.  I’m in Boston right now, but will be coming back on Wednesday afternoon.

<http://solar.physics.montana.edu/tslater/plunger/tissue.htm>

<<Science Club Nov 09- Take It Home.docx>> <<ImpactCraters.pdf>>