September 11, 2013

Dear Parents,

It’s your turn to do some grading! The nine week grading period will be ending on Friday, October 4th. Wow, how the time has flown. Before the grading period ends, I would like to get your evaluation of your student’s work**. Please review the rubric on page one of their interactive notebook and give your child a grade ranging from 50-100**. **This** **grade will count as a test grade for your student**. **You will grade pages 30-31** of their science journal.

**Background:**

Last week we did an experiment to see how energy is transferred or returned to surfaces. We followed the scientific process to see if we could determine on which surface a ball would bounce higher. Our hypothesis was that the tennis ball would bounce higher on a hard surface because more energy would be returned to the ball in the form of elastic potential energy. Students bounced a tennis ball on three different surfaces and measured the height of each bounce. **Your child has diagrammed this activity on page 30 of their notebook. On page 31 he/she created a chart of the data they obtained during the experiment and a lab report of how the investigation was conducted. They have also completed a bar graph to analyze their results. Underneath their results they should have summarized their findings.**

**The Details (**The following bullet points may be helpful in gauging your assessment):

\_\_\_\_Is the activity titled (Bouncing Balls on Surfaces) dated and labeled (label should read U2A3)? (10 points)

![C:\Users\maureen horn\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\FVSTEW70\MC900290890[1].wmf]()\_\_\_\_Are diagrams neat and labeled to give a clear understanding of the activity (10 points)

\_\_\_\_Does the bar graph have a main title and titles on each axis? (10 points)

\_\_\_\_Do the bar graph measurements match the data in the chart? (10 points)

\_\_\_\_ Are numbers averaged correctly in chart? (5 points)

\_\_\_\_Is the summary of findings clear and include correct scientific principles? (10 points)

\_\_\_\_Does the student use the unit vocabulary (kinetic, gravitational potential, elastic potential energy, absorbed, transferred, energy transformations, dependent variable, independent variable, control)? (15 pts)

\_\_\_\_Does the student show effort and use pictures and captions to convey meaning? (10 points)

\_\_\_\_Does the student use color to enhance the presentation? (10 points)

\_\_\_\_Are the steps of the investigation described (hypothesis, experiment, independent, dependent, control variables, materials used, completed chart) (10 points)

**Please return grades by Monday, September 20, 2013**

Student name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ***Score:*** \_\_\_\_\_\_\_

Parent Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_
if you have any questions, please do not hesitate to contact me. Happy Grading!

![C:\Users\maureen horn\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\0JDX0WVC\MP910220857[2].jpg]()Maureen Horn

Cordova Middle School

6th Grade Honors Science

901-416-2189 ext. 80868

HornM@scsk12.org