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Indian Hills

The 6th Grade Gang

The Three R's.....

In Reading, we have been concentrating on text structure, prefixes, and suffixes, and major and minor characters. We just finished our Early Warning tests in reading and are gearing up on our reading skills to get ready for the state assessments in March. We are working hard!

In Writing, students

continue working on parts of speech. We are also working on writing persuasive arguments about current events. Our Science research and writing projects are now complete, and in the coming weeks we will be writing another essay, this one on our trip to Science City.

In Math, we are cur-

rently taking our second Early Warning tests. We are also working with geometry, coordinate planes and integers. Our Smartboards are also helping us with our math skills. We have some great math sites online on the Indian Hills webpage to assist students with concepts.

Have You Heard About James Clerk Maxwell? by Max B.

James Clerk Maxwell was born June 13, 1831, in Scotland. He died November 5, 1879 in Cambridge, England. He first studied Saturn's rings. Then he studied thermodynamics, the study of heat. His major contribution was discovering electromagnetism.

Maxwell found similarities between electric and magnetic fields. He said the magnetic and electric waves, or electromagnetic waves moved at about the speed of light. Electromagnetism is magnetism made from a current of electricity. He also said that since charges can vibrate at any frequency, visible light is only a small fraction of electromagnetic radiation, or energy from electromagnetic waves. Electromagnetic waves are used today for radio, television, radar and satellites.

Before he studied electromagnetism, he studied Saturn's rings. He said the sturdiness could be possible only if it was made of small particles. He also studied molecules of gases in very fast movement. He found that temperatures and heat use moving molecules. He said molecules at a high temperature have a high chance of moving to ones with low temperature. For example, if you have an oven heated to 375 degrees, and you turn it off, it's going to cool down right? That's because colder molecules replace the hot ones.

Without Maxwell's studies, we may not have the many communication tools we have today. Also, we may think Saturn's rings are just one piece. Another thing we may not know is why things cool down. We might think that light you can see is the only type of light, too. James Clerk Maxwell influenced the 19th-21st centuries a lot.

Upcoming Events:

February:

Science City

Field Trips on Tuesday, Feb. 9th

Buses leave at 8:30 a.m. and return to IH at 3:40p.m.— Please be on time with a sack lunch and drink!

Thanks!

PARENT/TEACHER CONFERENCES:

Feb. 10-11th

Please check with your child's teacher if you have not filled out a conference form.

State Testing- 11:00-12:00 pm.

March 2-4 and March 9-11

SmartBoards-

The interactive tools from the Smartboards are assisting us with our geometry units. Students can create shapes to tessellate and transform polygons quite easily with the boards. They are also using them for daily writing journals. The boards also save time with attendance and lunch counts. The kids have picked up on this technology very rapidly and are even teaching us how to use them!

Student of the Month:

Abi Weast