

Turning energy into s'mores

By Erin Borla
Correspondent

Fourth-graders at Sisters Elementary School in Mrs. Parsons' and Mr. Warburton's classes ended their four-week study of energy with a tasty project. Students in each class attempted to harness the energy of the sun by creating solar ovens and making s'mores.

"I loved it," said Kaden Crabb. "It was so much fun. I want to do that kind of stuff for a job."

Students used items from the recycle bin to create their ovens. They were creative and used things like cardboard boxes, plastic wrap, spray paint, and aluminum foil. Students put ovens together at home and brought them to school last week.

"There was no limit on what the students could create," says teacher Katie Parsons. "We left it open and showed a bunch of ideas — then they were free to create what they thought would work best."

Students reported they liked the idea of creating models from scratch.

"I liked it because you had to be really creative and I like to be really creative," said Tyler Blake. "You had to think how to trap the heat and try to make it super hot to roast your marshmallow."

The project this year has been unique. Teachers had



PHOTO BY CLAY WARBURTON

Sisters students created a hands-on science experiment.

their students test their ovens three different times before the final "s'more test." They then took the data from their test findings and modified their original design and made adjustments based on their findings.

"I like that we got to test our oven and modify them so we got an idea of how our ovens will do (for the final project)," said student Etienne Sartelle.

After all the modifications were complete the test began. Oven temperatures varied from 90-160 degrees.

"I thought it was a great project," said Jordyn Monaghan. "My oven only reached 90 degrees — but my marshmallow was delicious."

As with any science experiment there can be failures.

"Kids can get really bummed when their solar oven doesn't work," said Parsons. "I always tell the

students, that's the best data you can have as a scientist, when something fails. We celebrate the failures and talk about what we can do differently to fix the problem.

"No one is going to make a perfect solar oven the first time," she said.

Students enjoyed the project regardless of their final outcome. Many noted that they loved being creative as a scientist.

Kayla Root said, "It was really fun and cool, but the part I really liked was getting to be a scientist. Then, of course, the s'mores. The s'mores were amazing and I got to share them with my friends because their (oven) was too cold."

"I thought that the solar ovens were a new experience for me but it was super fun," said Holly Madron. "My dream of becoming a scientist is coming true."

Obituary

Michael Griesman

May 31, 1946 – October 7, 2016

Michael Griesman passed away on October 7, in Sisters.

A wonderful father and husband, moved here recently; previously resided in Chicago with his family, wife Paula, son Joey and daughter Michelle. He has a sister, Melody Singleton who resides in California.

Michael was born Michael Paul Griesman on May 31, 1946, to parents Frederick and Dorothea Griesman of De Land Florida, both deceased.

A college graduate from Northern University in Illinois; he enjoyed playing football as the quarterback for four years.

Michael was a dedicated father and husband and a successful business-owner.

Throughout his life he was ambitious and a hard worker, he started his own company at the age of 28 and ran it successfully for 30 years.



We his family will miss him terribly, he was very loved and highly respected.

We invite friends to come and say a final farewell, this Thursday, October 13, for a visitation service from 3 to 7 p.m. The visitation will be held at Autumn Funeral Home located in Redmond at 485 N.W. Larch St., Redmond, Oregon.

Information provided by the family of Michael Griesman.

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