



Freshman Jane Finkel makes music in front of her "Music and Math" presentation.

## Students Enjoy Mathematics Lesson

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physics class," he said. "The formulas are all fresh in my head and, since I had those, I was done very quickly."

Sophomore Rhodene "Michi" Mullings won second place honors for her "Death by Bridge" project. She has always wondered what the fate would be for a person jumping off a bridge and hitting different surfaces, like cement or water. She asked herself, "What is the terminal velocity of a person who jumps off the Mackinac Bridge when they hit the water?"

She built a model of the bridge with a person dangling on the edge.

The terminal velocity, she discovered, would be reached in 5.5 seconds, long before hitting the water, and whether the person hits water or concrete doesn't make much difference.

"I had a lot of fun building the bridge and using a saw," she said. "Not fun seeing people jumping off bridges while doing the research. It was tough finding the results, and it was tough to figure out if it was the same or different to hit different surfaces."

Freshman Jane Finkel's project was called "Music and Math." The two are closely related and, as a music student, she was curious about waves. She found that sound waves are measured in sine waves. They measure amplitude from two points, so that distance determines how loud something is.

"I was passionate about the instruments and I never looked into the mathematical part, and now that I have, I feel a little bit closer to my instruments," she said.

The overall winner of the fair was sophomore Fuller Cowell. His project, "Go Big or Go Home," determined the best angle and speed to drive a snowmobile a ramp would be. He used a scale model of the snowmobile he rides in the winter, and scaled the speed and ramps to the real machine. With the help of his physics teacher, he learned the physics involved in the project, and he demonstrated it with a PowerPoint presentation, complete with speakers and image projector.

"The most challenging part was scaling everything down, building the ramps, and figuring out the distances," he said. "It was actually fun learning all the physics. I love snowmobiling, and using these hands on material was a lot of fun. I enjoy sharing all the information with everyone."

In fourth and fifth grade, first place went to Meadow Greenlee's "Ancient Egyptian Math." Second place went to Paul Wandrie and his "How does math help us in our daily job?" project. Third place went to Colton Fisher who boasted MSU apparel while talking to the judges about how much tuition will be when he goes there. And two honorable mentions went to Kyra Kolatski for her "Shirt Scramble" and Adrienne Rilenge for her "Dog Costs Comparison."

In sixth and seventh grade, there was a tie for first place. Collin Armstrong's "Catapult Theory" and Lou Clark's "Average Ski Slopes" took home those honors. Second place was Onaca Bennett for her "Transformations in Computer Animations." Third place went to Anthony Rickley for "Napier's Bones" and three honorable mentions went to Devon Hunt's "Coin Probability," Leo Horn's "Pythagorean Theorem," and Caleb Kolatski's "Stealing Math" project.

In high school, the eighth grade and algebra I division had Maggie Chambers' "Math in Bubbles" as the first place winner. Morgan Brodeur-Bunker and her "Fueling a Horse" took home second place, while Robert Chafee's "All about Pi" was the third place winner. An honorable mention went to Paul Fisher and his "Birthday Cubics" project, which identified relationships between the graphs of different people's birthdays.

And finally, the algebra II and above division had not only a first place winner, but the overall winner as well in Fuller Cowell and his "Go Big or Go Home" presentation. Second place was given to Michi Mullings for her "Death by Bridge" project. Third place winner was Riley Chaffee and his "Best Launch Angle" presentation. An honorable mention went to Woody Beardsley and his project on "Pascal's Triangle."

The judges were Alexis Berke, an Eastern Upper Peninsula Intermediate School District (EUPISD) science enthusiast, Lorraine Gregory, a Lake Superior State University mathematics professor, Valerie Masuga, EUPISD curriculum consultant, and Michele Ribant, EUPISD director of mathematics and science.

## Little Stone Church Walkway Enlarged

Outside remodeling work is finishing up just in time for the first service of the season at Little Stone Church Sunday, May 27.

Work on the Cadotte Avenue structure began last fall and includes a new concrete and stone entrance walkway. The front walk has been widened for the ease of visitors and now is wheelchair accessible, said the Reverend Vincent Carroll, pastor at the church.

An outside gathering area has been added off the main entrance doorway. The site is a popular spot for wedding par-

ties, he said, and the enlarged area will make it easier for receiving lines and photograph sessions.

Visitors entering the walkway will be ushered between two large stone planters with a built-in irrigation system for plants. New landscaping work is also planned at the site.

"It will offer greater opportunity and external beauty for those who seek the services of Little Stone Church," said Rev. Carroll.

More than 40 weddings are held at the church between May and October each year. The first

wedding of this year will be the first weekend in June.

Built in 1904, the Gothic revival church was constructed with Island stones. Installed in 1914, the stained glass windows depict scenes from the history of the Island. The church has a congregation of 85.

The church is a contributing building for Mackinac Island's National Historic Landmark status and a Michigan Registered Historic Site.

Services for the season will begin Sunday at 10:30 a.m. and will be held each Sunday through October 14.



The outside remodeling work at Little Stone Church will be completed this week, said Pastor Vincent Carroll (left). Checking out the progress of the job, Monday, May 21 are Randy Stuck (center), building and maintenance manager for the church, and Buzz Waggoner, congregation president. The work was performed by Winberg Masonry Incorporated of St. Ignace. Winberg crew in the background are (left) Eric Engle, Aaron Winberg, and Matt Matson.

## Mackinac Island Students Earn Scholastic Awards

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said. "But, I just hope I'll do well in sports and school and, hopefully, in life."

Besides Mr. Beardsley's top overall mathematics award, other top honorees in mathematics are Marie Bunker, Tyler McLean, and Kyle Sweet. Miss Bunker was given the computer class award because of her "I can do that" mentality. No matter what the class did, she jumped in with both feet, and gave it her best shot, teacher Susan Bennett said.

Mr. McLean received the improvement award because of the transition he made from a serious struggle to a solid A in the class. Mrs. Bennett was worried about his comprehension of the material, but he picked it up and has done a fantastic job in every aspect of the class, she noted.

Kyle Sweet received a mathematics academic award from the Michigan Mathematics Prize Competition. He took a college-level course via interactive television.

In Mrs. Bennett's Algebra II class, three girls even asked for extra homework problems so they can practice above and beyond what was already assigned. The effort award went to Rhodene "Michi" Mullings, Ariel Leeper, and Karlena Mosley.

In science, Kyle Sweet and Woody Beardsley walked home with top academic awards in recognition of their comprehension of the material in a tough physics course while doing their own work and tutoring those who struggled. Danielle Wightman, who went from B' and C grades to A's and B's, received the most improved award. Ariel Leeper was awarded the spirit of science award



History teacher Seth Baker (left), junior Woody Beardsley, and Superintendent Roger Schrock stand in the large gymnasium after Tuesday's "Anchor Awards" at Mackinac Island Public School. Mr. Beardsley won awards for every sport, as well as honor roll, mathematics, and physics.

because she wasn't afraid to ask questions.

In history, Seth Baker presented four awards, three for courses he teaches and one for effort. The eighth grade history award was given to Morgan Brodeur-Bunker, for always being prepared for class, a ready-to-work attitude, putting everything he has into the material, and continually asking questions.

Robert Chambers received the ninth-tenth grade history award for his curiosity. Although he interrupted the flow of the class, he did it in a way to simply better understand everything Mr. Baker taught to the class, the teacher said.

In Mr. Baker's world geography class, Ariel Leeper excelled in global issues.

The effort award went to Shay Mosley because she can always be counted on to complete a project.

Jane Finkel received one writing award, because her stories seemed to have real characters with real problems, and Danielle

Wightman received the other writing award because she produced stories of high quality and in high quantity.

Honor roll awards went to those who had a 3.0 grade point average or better on every card-marking. Kyle Sweet maintained a 4.0 every period and also received an academic excellence award from the Northern Lights League. The other honor roll members were Karlena Mosley, Woody Beardsley, Danielle Wightman, Rhodene "Michi" Mullings, Shy Mosley, Ariel Leeper, Fuller Cowell, Darcy Brodeur-Bunker, Tymon Horn, Morgan Brodeur-Bunker, Marie Bunker, Maggie Chambers, Jane Finkel, and Kristi Kamphuis, the valedictorian of the senior class.

In the athletics department, awards were given for basketball, volleyball, golf, track and field, and soccer.

Coach Jim Fisher presented basketball awards to the 10 members of the team. Eighth

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