

Structure, style tested in bridge-building

By Darcy Wallace
IVN Staff Writer

Lorna Byrne Middle School students tested their physics and structural knowledge last week by constructing one-meter bridges out of nothing but rolled-up newspaper and masking tape.

Starting Thursday, May 19, and continuing into Monday, May 23, students of Tim Talty's science classes tested their completed bridges to see how much weight they could bear.

According to Talty, bridges had to be more than just functional; each group of students was required to come up with a theme for the bridge in line with a list of consumer demands.

"We talked about customer requirements for a product," Talty said. "They were presented a list of [provisions] in terms of distance it covered, materials and the fact that they wanted [the bridge] to be a tourist attraction."

On Friday, the first group of students tested "Food Fight," a bridge model adorned with strands of popcorn as part of a culinary theme.

Like many other bridges, a model made from masking tape and newspaper didn't look so strong. But when tested with buckets of rocks, the bridge supported about 62 pounds.

"I think at first the students were pretty pessimistic," Talty said. "When I told them the bridge had to hold the weight of a Lorna Byrne student, they thought it wasn't possible. But when we started learning about [truss] systems and how bridges are built...I think it boosted their confidence." Talty said working together in groups and watching others constructing their bridges in real-time, they began to realize the project was possible.

One blue bridge, as of Monday, May 23, had risen far above the others,

holding a full 80 pounds. But many others held quite a bit more than students originally expected.

To prepare for the projects, students watched films and studied basic bridge structures, which Talty said also satisfied Oregon requirements in science curriculums.

This was the first year Talty has tried this project, and he was pleased with the results. He plans to run it again next year, possibly with more specific requirements and benchmarks to be completed. Otherwise, it will likely be similar to this year.

"I think they saw you can actually support a great deal of weight without a lot of weight," Talty said. "Plus the sharing of ideas and observing other structures being built... students were sharing information about what works and what doesn't. In the end, I think a lot felt pretty good about what they were able to do."



(Photo by Darcy Wallace, Illinois Valley News)

Lorna Byrne Middle School students from Mr. Talty's science classes put their physics and structural skills to the test Friday, May 20 in the new bridge-building project.

The Dutch are coming... continued from A-1

"I think [the Illinois Valley] is a great community," Harper said. "It's a natural extension of what we've been building in Grants Pass. Our plan was to slowly spiral out from where we started...Cave Junction is a natural step for us."

Harper said he lives in Ashland and frequently drives through the Rogue Valley and along the I-5 corridor. He said he's stopped in the Valley frequently at Wild River Brewing, the Oregon Caves,

and appreciates the community from his perspective as a tourist.

"Part of what took so long to get this built, even though we owned the land, was so we could gear up to be a part of this community," Harper said. "We want to make sure whoever operates the store is part of the philosophy...a natural part of being a Southern Oregon business is having a presence in Cave Junction."



(Photo by Stacy Byrne, Illinois Valley News)

As soon as next week this familiar CJ building may be gone. It's to be replaced by a new building that will be the new Dutch Bro's coffee shop.

Laurel Cemetery Association heads clean-up

By Darcy Wallace
IVN Staff Writer

The Laurel Cemetery Association once again put on its annual clean-up of the Laurel Cemetery grounds in Cave Junction May 20-22.

This year, the association provided hot dogs for the volunteers who hiked the cemetery terrain to clear brush, rake and spruce up the area.

Though the board consists of five main members, they credited the many volunteers who take on much of the work

keeping the association going.

The association comprises members who have family members buried in the cemetery. Many have lived in the Valley for decades or have family history dating back several generations.

According to the Laurel Cemetery Association website, the group formed in 1947 to maintain the grounds. The original board of directors included representatives from organizations such as the Masonic Lodge, I.V. Grange 370 and the I.V. Federated

Women's Club.

Laurel Cemetery contains the gravesites of Valley residents dating back to the early 1800s. The cemetery has also been known as the Masonic Cemetery, the New Kerby Cemetery and more recently, Lauren Hill Cemetery.

According to the Association's monthly newsletter, the Annual Meeting of Laurel Cemetery is scheduled for Sunday, May 29, in the Laurel Chapel, followed by a potluck on the grounds at noon.

Free Speech Radio!



TAKILMAFM.COM

Mission Statement:

We Are Free Spirited and Eclectic!

Dedicated to providing some of the finest radio programming available, Takilma FM will feature great artists and their music which is usually not heard on the commercial media. We will also throw in a heaping helping of the great classic and contemporary compositions we have come to know and love. Each show will be custom made and produced by the DJ's themselves. There will never be program directors providing play lists.

An Ongoing Art Project

This station will be an ongoing art project and includes interviews, stories and news reporting on controversial and obscure subjects, poetry readings, and excerpts from books as well as some local interest only things. Listener feed back and participation is greatly encouraged! There is an archive page for easy access to some of our past programming.

Hope Mountain Radio, LLC

Crossword brought to you by
Illinois Valley News
541-592-2541

			1	2		3	4	5		6		7
8		9				10						
11	12					13				14	15	
16					17		18					
19				20		21				22		
23					24							
				25						26		
27				28						29	30	31
32	33	34		35						36		
37										38		
39				40		41		42				
				43				44				
45				46								

Crossword Solution on Page B-2

Across
1. Disconnect
6. Acquire
9. Deoxyribonucleic acid
10. A single person or thing
11. Small branch
13. Direction
14. Consumed
16. Pulled or drawn tight
18. A close-fitting pullover shirt
19. Roman numeral
20. Composed
22. Coloring substance for fabric
23. Determine the sum of
24. Reproductive organ
25. Eyeglasses
28. Aromatic resin
29. A linear unit used in printing
32. Apply
35. Any customary observances or practices
36. Place (seeds) in or on the ground
37. Unkind person
38. Free of extraneous elements
39. A mark or flaw that spoils the appearance of something
40. Last or greatest in an indefinitely large series
42. Anointed
43. Any thick messy substance

Down
1. A single person, thing, or group
2. Hen-peck
3. Approaching or near depletion
4. Not fastened together
5. Springs that discharge hot water and steam
7. Move unsteadily, with a rocking motion
8. A pore or small opening in a sponge
9. Pre-Christian priests
12. Anted up
14. Assist
15. Make an effort
17. Owner
21. Open and observable
25. Medical instrument
26. Consequence
27. Pantomimist
30. Quantifier meaning greater in number
31. A native of Sweden
33. Ocean
34. A sense organ
38. Photographs
41. Tool for digging
42. Cereal grass