

Phila teacher helps students reach for the stars

Sy Jon Baker <u>`imesReporter.com staf</u> 'osted Feb 19, 2012 @ 10:36			
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cientists find most massive ar ever discovered	Two of her students will have that opportunity this year as they join her in a nationwide project to look for stars in dense dust clouds known as nebulae, which are light years from Earth. French said many students across the country are involved in projects where they use scientific data to reach a previously known conclusion. "But this is different in that we're doing new research. That is the		
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usiness News	pretty exciting pa		t in that we re doing new research. That is the
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at to Do When a Purchase es Wrong		gets teachers involved in authentic astron	
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er	Entry into the pro accepted for the 2		only one-fourth of those who applied were
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-rig accident victim a quiet n who helped	In January, she attended the American Astronomical Society meeting in Austin, Texas, where she met with the other members of her team and the leader of the group, Dr. Luisa Rebull of the Spitzer Science Center at the California Institute of Technology in Pasadena. In July, French will be traveling to Pasadena with her two students, where they will spend a week learning data-reduction software and begin their analysis. The project will be completed by December. Next January, she and her students will make a presentation at the American Astronomical Society meeting in Long Beach, Calif.		
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hish make Holmes one of state's test-growing			
om the Web	meeting in Long	Deach, Calli.	
aking News: 'DWTS ¾' Judge rie Ann: From	"It's quite an opportunity for the students," French said. All of the costs for French and the students will be covered by a grant from the National Science Foundation. They will be using archived data from the Spitzer Space Telescope to identify stars which are very dim in activity by the stars which are very dim		
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e Best Dresses and Flowers for ur Wedding DailyCandy	_	t glow brightly in the infrared.	hulao" sha said "So worre looking at store
nsored content What's this?		ot enough to give off visible light. We can	bulae," she said. "So we're looking at stars a only see them in the infrared."
e dust clouds are 600 para ench said.	secs away from Ear	th. (One parsec is 19 trillion miles.) "It's	still fairly close in astronomical terms,"
he overall goal is to look a	t how stars are forr	ned and what type of dust clouds produce	e what type of stars," she said.
-	-	= .	who graduated from Claymont High School. master's degree from Miami University in
		physics students have done a research pr rnell University on radio astronomy.	oject with Purdue University on nylon guitar
cience is about making me ence into those projects."	emories," French sa	id. "They're going to remember the fun s	tuff and the projects. We do sneak a lot of
er efforts are paying off. In	her first year as a	teacher, she had 14 students in her physi	cs class. She now has 58 students.
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