



**A Schmahl Science Workshop @ Holy Family School  
4850 Pearl Ave., San Jose, CA 95136  
Microbiology and Molecular Biology Summer Camp 2009**

June 22 -26, 2009 (Mon - Fri)

Grades 6 - 8 (9 am - noon)

Grades 9 - 12 (1 pm - 4 pm)

**Fee: \$200 per workshop per student  
20 student limit per workshop**

Like children everywhere, the children at A Schmahl Science Workshop love science. And like children everywhere, they learn most when they are motivated, challenged and having fun. We are a partnership of students, parents, teachers, scientists and engineers who have come together to help foster this interest in science. We believe children are motivated to learn when their ideas are cultivated through the fun of designing and developing an experiment.

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Enroll in our one-week summer bioscience camp at Holy Family School to "ramp up" your science!

In this advanced molecular biology series, students will spend one-week learning essential molecular techniques as well as the theories behind them. Activities will include:

- Bacterial genetics and transformation
- Separation of molecules using column chromatography
- Bradford assay to determine protein content of food
- DNA Extraction and Restriction Digestion with Gel Electrophoresis
- Corn Snake Genetics

**Questions? Concerns? Please contact Belinda Lowe-Schmahl at 408-281-7595 or email  
bel@schmahlsience.org**

