

#### Tectonic Observatory Outreach Program

## **SMArt Night Experiences**

Nina Lin Jan 12, 2009





## Tectonic Observatory Outreach Program



2008 SMArt Night

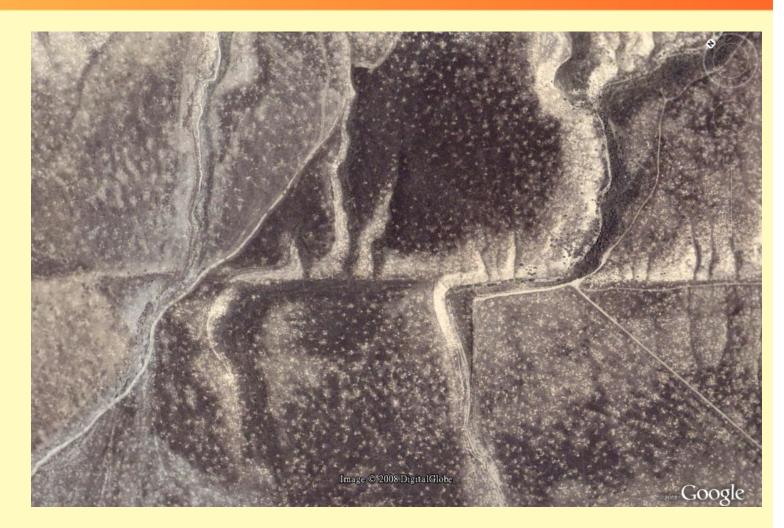
2009 SMArt Night





#### **Tectonic Observatory Outreach Program**

Hands-on: Cut-and-Paste!



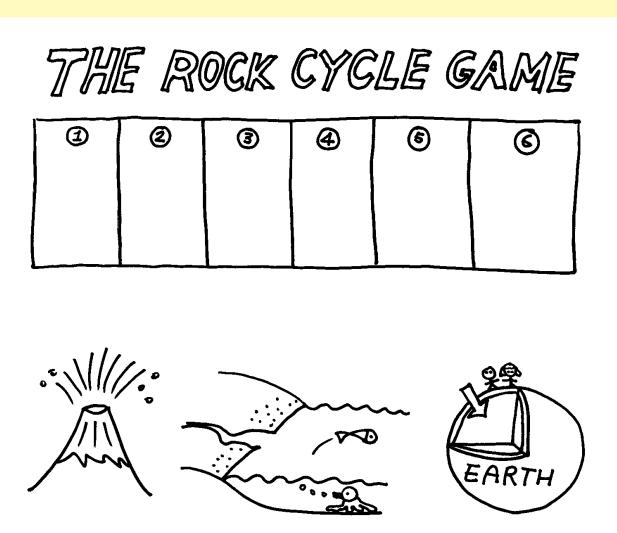
**750** feet

Wallace Creek, San Andreas Fault California



## **Tectonic Observatory Outreach Program**

Hands-on: Connect the dots!





## Tectonic Observatory Outreach Program

#### If you would like to design your own activities:

- Avoid abstract conception
- Ask questions, and simplify your story
- Talk loudly!
- Talk slowly!

You are also welcome to use the already available materials. Check with Laurie!



#### Tectonic Observatory Outreach Program

# Q: Which of the following if more difficult for kids (under age 12) to understand?

- 1. Straining a balloon
- 2. Right-lateral and left-lateral fault
- 3. Morphological differences between igneous rocks, metamorphic rocks and sedimentary rocks