

**TEACHERS' RESOURCES FOR CLASSROOM USE,
to accompany laminated model and activities package for:
*Simulation of Plate Tectonic Deformations in Southern California
and Northern Baja California from 18 million years to present***

Models for student construction:

There are two black and white xeroxable page-sized versions of the model:

1) Shaded and 2) Paint-by-Numbers (4 pages in all).

For each version there is a base sheet and a sheet containing eight smaller pieces.

For best results, xerox the sheets onto card stock and use small brads - six brads needed per model. Carpentry nails work well for poking holes.

(Note that the students' paper versions are slightly different from the colored, laminated version. The paper versions contain a separate "North American Plate" piece while the laminated one has slots cut into the base sheet. This was done to avoid slot-cutting-with-scissors challenges in the first case and laminate-gluing challenges in the second.)

Black and white topographic and plate tectonic maps of Southern California and Northern Baja California: These are just enlarged versions of the Fig.1 A, B, and C that appear in the Activities package that accompanies the model.

Laminated Colored Maps:

These have been added to the packet starting in 2016 to enhance the usefulness of all.

Electronic versions of these materials, other plate tectonic hands-on activities, and related

Quicktime animated movies can be downloaded from the website

<http://emvc.geol.ucsb.edu/>

Please contact me: atwater@geol.ucsb.edu with any questions and/or with any suggestions for how I can make these materials more useful to educators.

Thanks,



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