



California Science Center  
**CALIFORNIA STATE SCIENCE FAIR**  
**2001 PROJECT SUMMARY**

<b>Your Name</b> (List all student names if multiple authors.) <b>Jade A. Fee; Lisa Sedlock</b>	<b>Science Fair Use Only</b>
<b>Project Title</b> (Limit: 120 characters. Those beyond 120 will be ignored. See pg. 9) <b>Moon Phases and Tides</b>	<b>J0507</b>
	<b>Division</b> <input checked="" type="checkbox"/> <b>Junior (6-8)</b> <input type="checkbox"/> <b>Senior (9-12)</b>
<b>Preferred Category</b> (See page 5 for descriptions.) <b>5 - Earth Sciences/ Planetary Sciences/ Physical Environments</b>	
<b>Abstract</b> (Include Objective, Methods, Results, Conclusion. See samples on page 14.) Use no attachments. Only text inside these boxes will be used for category assignment or given to your judges. <b>OBJECTIVE:</b> The purpose of this project was to explain why we see moon phases and how the moon effects the ocean tides. <b>METHODS:</b> We gathered as much research information as possible from the library and the internet. We studied the information and wrote a report explaining moon phases and the moons effect on the tides. We then made a model showing the moon phases, drew diagrams to explain and show the Neap and Spring Tides and made a "Tide Dial" which demonstrates why there are two high tides a day around the world. An oral report was given to our class. <b>RESULTS:</b> We educated ourselves and others about the moons effect here on Earth. Our models help give a clear picture to go with our explanations. <b>CONCLUSION:</b> We have learned a lot about the Moon Phases and Tides. We know that we have tides mainly because of the Moon's gravitational pull on the Earth.	
<b>Summary Statement</b> (In one sentence, state what your project is about.) Our project explains why we see different phases of the moon and how the moon effects the tides.	
<b>Help Received in Doing Project</b> (e.g. Mother helped type report; Neighbor helped wire board; Used lab equipment at university X under the supervision of Dr. Y; Participant in NSF Young Scholars Program) See Display Regulation #8 on page 4. Mother helped type report. Parents helped oversee construction of moon phase model.	