



**CALIFORNIA STATE SCIENCE FAIR
2002 PROJECT SUMMARY**

Name(s) David V. Aldrich	Project Number 22677
Project Title A Look at Pneumatic Power	
Objectives/Goals My objective was to find a 1-1 relation to the psi and wieght lifted. Abstract Methods/Materials I first built a Lego system to measure and use the pressure to lift different wieghts. 2.0 Lego Mindstorm Accutire tiregauge 2x Lego pneumatics Lego jumbo gray basesoard lego train transformer Results I found a 4-1 relation in the psi to wieght lifted. Conclusions/Discussion I was wrong about the 1-1 relation but found a 4-1 relation.	
Summary Statement I used lego to create a system that would measure psi and lift wieghts.	
Help Received Parents buying equipment	