



**CALIFORNIA STATE SCIENCE FAIR
2008 PROJECT SUMMARY**

Name(s) <p align="center">Saqib Shahabuddin</p>	Project Number <p align="center">J1431</p>
--	---

Project Title <p align="center">Danger! Beware of Mold</p>

<p align="center">Abstract</p> <p>Objectives/Goals My experiment was to figure out if different types of wood resist mold growth. My hypothesis was white wood will resist the growth of mold the best. For my procedure I soak the wood samples (redwood, pine wood, and white wood) in water, and placed them in sealed plastic boxes for two weeks. The red wood grew the least amount of mold while the pine wood grew the most mold. My project is important to people because a lot of common items we are near everyday such as boats, tables, chairs, and homes are made of wood. We want to use the right type of wood so that these items will prevent the growth of mold as long as possible. Another point is that most of the time in our lives, we are indoors. We spend most of our time in houses, schools, and offices, all of which are made out of wood. Mold can grow in any of these areas undetected. Mold is unhealthful and can make us ill.</p> <p>Methods/Materials Procedure: 1.Buy five pieces of wood, 3 by 4½ in of redwood, Pine wood, and white wood. 2.Mark each sample of wood with numbers (1-5). 3.Soak samples of red-wood, white-wood and pine-wood and place them in a plastic box labeled #Redwood#, "Whitewood", & "Pinewood". 5.Place the boxes in a warm area for twenty-one days to allow mold to grow. 6.Measure the growth of the mold every other day in inches.</p> <p>Results Record Date Redwood Samples; Mold growth in inches Date SAMPLE 1 SAMPLE 2 SAMPLE 3 SAMPLE 4 SAMPLE 5 1/9/07 0.25 0.13 0.06 0.06 0.06 1/11/07 0.32 0.13 0.13 0.25 0.13 1/13/08 0.32 0.19 0.13 0.25 0.19 1/15/08 0.32 0.25 0.19 0.50 0.19 1/17/08 0.38 0.25 0.25 0.50 0.25 1/19/08 0.38 0.25 0.25 0.56 0.31 1/21/08 0.38 0.31 0.31 0.56 0.50 Similar sample results for White wood and pine wood is in the report</p> <p>Conclusions/Discussion My project is important to people because a lot of common items we are near everyday such as boats, tables, chairs, homes are made of wood. We want to use the right type of wood so that these items will prevent the growth of mold as long as possible. Another point is that most of the time in our lives, we are</p>

Summary Statement Which type of wood is more susceptible to wood, since it can grow undetected and harmful to our health?

Help Received From Sister in taking pictures
--