

CALIFORNIA STATE SCIENCE FAIR 2002 PROJECT SUMMARY

| Name(s) | Project Number |
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| Ashley A. Thompson | J1139 |
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| Project Title | |
| The Effect of a Chemical on a Pipe Clog | g |
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| Objectives/Goals Abstract | |
| The objective is to learn which chemical will work best at | t eating away at lard in clogged household |
| drains. Methods/Materials | |
| The procedures included the testing of four drain chemical broke down one cup of lard in a ten minute time period. The to represent a blocked household drain. Water was then period Once the blockage was confirmed, the four chemicals were determine which would clear the blockage first. The resu | The lard was compacted in four individual pipes boured into each of the pipes through a funnel. re poured separately into each of the pipes to |
| Results Each of the chemical's result numbers, from start to finish one chemical, Pro Liquid Drain Opener, broke through the Zep Drain Opener came in second followed by Drano Ma | e blockage before the ten minute time period. |
| effective. C onclusions/Discussion | |
| These results indicate that they support my hypothesis, if then it would be the most effective chemical. The testing sulfuric acid cleared a clogged drain the fastest. These res clearing a clogged drain and why. | proved that Pro Liquid Drain Opener containing |
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| Summary Statement | |
| My project tests four different drain chemicals to see which ten minutes. | ch is the most effective in clearing a pipe clog in |
| Help Received | |
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Teacher helped with results; Mother helped improve writing; Father helped build/construct this project and monitored me during the testing; Santee Public Library reference workers assisted in locating books/ information.