



FIREWOOD

This experiment is going to get hot.

M7-1 PHYSICS



BIG QUESTION

What wood burns the best, pine, oak, or cedar?

ABSTRACT

- The reason I did this project is to inform people about what wood burns better. If you want to sit outside and make a nice fire you would want to know what wood burns the best. Which after my experiment pine burns the best. The problem that I solved was what three types of wood burns the best, cedar, oak, or pine. My hypothesis was that pine will burn the best out of all of the wood. First I went and bought the three types of wood then I cut them into even pieces so that size would not be a variable and then I built the fire and waited for the wood to burn and pine was the best out of all of them. At the end of this experiment the result was that pine wood burns the best out of oak, cedar, or pine. Pine wood gives off the biggest flame and it burns the longest. My science fair contributes to family time and fun. If you're sitting around the campfire with friends making s'mores you're going to want a good fire.



HYPOTHESIS

If I burn three different types of wood, oak, pine, and cedar, I believe that the pine wood will burn the best.

PROCEDURE

- 1. Order or go buy required wood
- 2. Cut wood to size
- 3. Get fire pit
- 4. Get dryer lint from dryer
- 5. Gather starting sticks from the yard or ground
- 6. Form a tepee out of starting sticks
- 7. place dryer lint in any open spots in the tepee
- 8. light dryer lint on fire with lighter
- 9. start building up the fire with other pieces of wood
- 10. wait to see how long the wood burns for
- 11. Record answers



MATERIALS

- 1. oak wood
- 2. pine wood
- 3. cedar wood
- 4. fire pit
- 5. laundry lint
- 6. lighter
- 7. Starting wood
- 8. watch or phone for the time
- 9. something that can cut wood

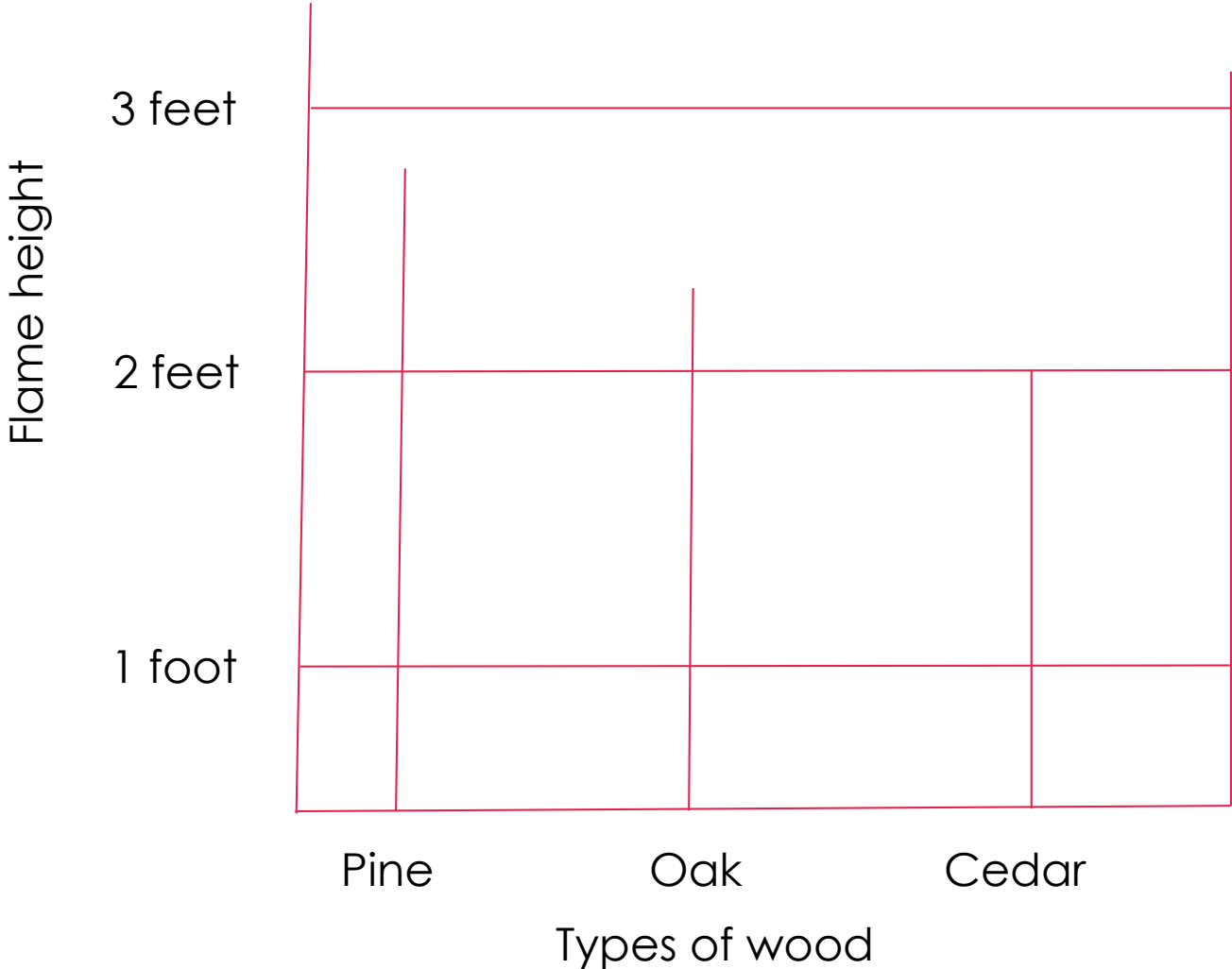
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RESULTS AND DATA



GRAPH





CONCLUSION

In conclusion my hypothesis was right, pine wood burns the best out of oak and cedar.