

Prize Winner

Scientific Inquiry Year R-2

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Scientific Inquiry: Hot Colours - Which colour is the hottest?

0690-059 Sidney Young - Year 1 - St Thomas Goodwood

1. Question



2. Predicting

I predict that the white will be the hottest colour because it is the most like a mirror and it will reflect the heat.



3. Building an Experiment



5. Experiment



4. Building Idea number two



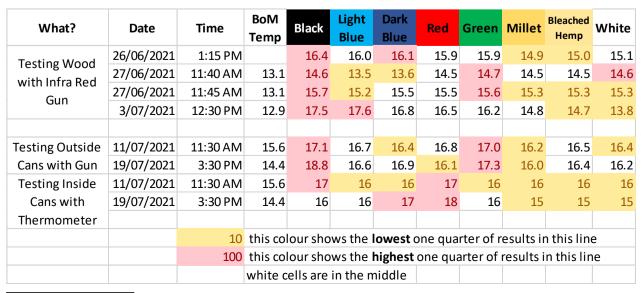
7. Answers

BLACK WAS IN THE HOTTEST ONE QUARTER OF THE COLOURS MORE OFTEN THAN ANY OTHER COLOUR. GREEN FINISHED SECOND. THE LIGHT COLOURS WERE IN THE COLDEST ONE QUARTER THE MOST.

6. Measurements

Repeat!!!

Write down temperature



8. Analysis

I would have wanted a sunnier day! But I still like it!!!!!!

We were hoping to cook marshmallows on the wood, but
it wasn't hot enough. The experiment would have been
better in summer.

On you tube we saw a video of the same test. Black was also the hottest. The grade 10 boys said that black absorbs all the energy from the sunlight.

https://www.youtube.com/watch?v=aNEnuEF08Ls

Thank you to dad for helping with everything! Love Sidney From dad (William): I created the results table outline with the shading, helped with the dangerous parts of the building and did the poster layout. Sidney did almost all the typing and data entry, but with lots of guidance.

Word count: 250