Wood bugs

brightness or not

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Hypothesis: wood bugs like dark more than others, so if we colored one side with a bright colour, then the wood bug will go to the other side.

Materials are:

-wood bugs

- papers

-neon highlighter

-twisters

-scissors

Procedure :

1-First we got the paper.

2-Folded it edges (so that the wood bugs can't escape).

3-Color the edge neon yellow and leave the other side blank.

4-Put the wood bugs in.

5- wait to see were the would bugs will go.

data

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Wood bug 1 | Wood bug 2 | Wood bug 3  | Wood bug 4  | Wood bug 5 | total  |
| Went to the bright side  | 1 | 0 | 0 | 1 | 1 | 3 |
| Went to the blank side  | 0 | 1 | 1 | 0 | 0 | 2 |

Qualitative observation:

1. they are brown and black.
2. they are around like 1.5 cm.
3. they have many feet.
4. their cases are hard.

Data analysis

 

Conclusion : (all three parts)

1.We are right at the hypothesis, the wood bugs like dark side.

2.Maybe the wood bugs are tired, or they just go by accident, because there are 3 go to the dark side and 2 go to the colour side. That is pretty close.

3.We will want to try 5 to 10 wood bugs and try different colours to do the experiment again.