Mealworm Experiment #1

Question:
Do mealworms prefer black surfaces or white surfaces?

Hypothesis:
I think mealworms prefer ____________________ because _______________________.

Materials:
• 10 mealworms
• 1 box
• 1 piece of white construction paper
• 1 piece of black construction paper
• masking tape

Procedure:

Step 1: Place black construction paper along the bottom of half of the box.

Step 2: Place white construction paper along the bottom of the other half of the box.

Step 3: Neatly place a strip of masking tape down the center of the box.

Step 4: Place 10 mealworms on the masking tape.

Step 5: Observe the mealworms to see whether they move towards the black paper or white paper. Record your results.
Mealworm Experiment #1

Results:

<table>
<thead>
<tr>
<th>Trial</th>
<th>Number of Mealworms on Black</th>
<th>Number of Mealworms on White</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>total:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Conclusion:

_____________________________________________________________________________________
_____________________________________________________________________________________
_____________________________________________________________________________________

PREVIEW

Please log in or register to download the printable version of this worksheet.