## Ant Adhesion Experiment

<table>
<thead>
<tr>
<th></th>
<th>Smooth Surface</th>
<th>Rough Surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>45 degrees</td>
<td></td>
<td></td>
</tr>
<tr>
<td>90 degrees</td>
<td></td>
<td></td>
</tr>
<tr>
<td>180 degrees</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Ant Adhesion Experiment

What did we observe?

Therefore...
How do ants stick?
Have you ever had difficulty solving a problem?

What problem did the ants solve?
How does nature solve problems?

Biomimicry
Biological Champions
Biomimicry Challenge

What is your problem or challenge?

Who is your biological champion?

What structures and functions does your champion have?

What structures and functions does your biomimicry design have?