

Are there more ants on a hot day or a cold day

Aim: to see if there are more ants when it's hot or cold

Hypothesis 1: We predict that there will be more ants when it's hot

Hypothesis 2: We predict that the ants will like sugar the most because it's sweet

Equipment:

- Extra virgin olive oil
- L-Glutamine
- Salt
- Sugar
- Water
- cotton balls
- cookies
- Ziploc bags
- index cards

Method:

1. labelled index cards
2. made up 3 solutions with salt, L-Glutamine and sugar
3. Soaked cotton ball in sugar, oil, water L-Glutamine, and salt solutions
4. Set out ant baits for 1 hour at different locations in the school
5. counted the ants we collected
6. conducted experiment on a cold day and hot day

Conclusion: our results supported our hypothesis that there are more ants on a hot day, and also supported our hypothesis that the ants were most attracted to sugar.

