

Statement

of Problem: Mosquitoes are attracted to ones sweat and the carbon dioxide which is increased with the respiration rate.

Hypothesis: Increased sweating and carbon dioxide production from increased respiration will cause the attraction of more mosquitoes to humans.

Aim: To determine the number of mosquitoes attracted to highly sweaty socks in a highly concentrated carbon dioxide environment.

Introduction:

Independent/Manipulated Variable:

- Presence of CO₂
- Odour of socks

Dependent Variable:

- Number of mosquitoes attracted to socks

Control: - Odour condition of socks

Materials:	1 pair sweaty socks	100ml water
	1 pair unused socks	1 conical flask
	2g yeast	delivery tube
	40g sugar	cardboard box
	paper/ pencil	mosquitoes
	Rubber stopper with hole	