Cricket! Worksheet Online Scientific Method



Science Home Page→ Inquiry→ Online Scientific Method https://webapp.gccaz.edu/academic/biology/scientific_method/

1) Your Hypothesis:

The factor that affects the chirping rate in crickets is _____

2) Controlled Variables (or Dependent Variables):

The variables that you control or <u>keep at the same level</u> while you test your hypothesis.

3) Independent Variable: The variable that you test, change and retest. Show your data for at least 4 tests (trials).

Data Chart:

Trial (test)	
1	
2	
3	
4	

4) Conclusion: (Be sure to use the complete wording. See Hypothesis)

5) "Cricket Thermometer": (T - Temperature in Fahrenheit and N = chirps per minute) The Temperature can be determined by using Dr. A. E. Dolbers equation: