

What you need

- A cheap ball pen, blue
- A piece of paper, clean
- A local termite, alive



What you should do

- Using the blue pen draw a circle on the paper
- Carefully release the termite in the center of the circle
- Carefully watch the termites behavior



The idea behind this exercise...

- The termite will soon do something that will make you think
- It does the same to students, school kids, anyone who sees this for the first time; you can't help it
- It provides a wonderful opportunity to introduce the scientific method, generate hypotheses, and go test them, which is what we will do now!



Your job!



- get to know your termite, what is it doing?
- as a table, discuss alternative hypotheses that explain your observations
- what would your hypotheses predict, and how can you test these predictions?
- then test them
- share your observations
- draw conclusions; is your hypothesis supported? why or why not?

Observation: Termites follow the ink

Question: How do they know where the line is?

Hypothesis	Prediction	Test	Result	Conclusion