

The Nanoscience Demonstrator's Guide

1. What is there for the visitor or student *to DO*?
2. How can I *pique their curiosity* about what I have to offer?
3. Where is the *“aha”* moment? How can I *enhance* or *dramatize* this moment of discovery?
4. What does the demo *reveal*? (e.g., observable phenomena). How does it compare to “normal” or “expected” behavior?
5. How can I help them *guess* at possible explanations?
6. How can I help them think of ways *to test* possible explanations?
7. What does the demo reveal about *underlying nanoscale properties* or behavior? How can I explain this in *very simple* language? *What analogies* can I suggest?
8. How can I help them begin to imagine ways that this behavior could be *harnessed to help us* do something?
9. How can I bring the interaction to a *satisfying* close?
10. How can I tell if it was a *successful* interaction?