

SCIENCE IN SOCIETY

Short Paper #1: The Scientific Method

For your first writing assignment, you will discuss your thoughts on the Scientific Method in a paper *no longer than 2 pages*.

In your paper, you will want to do the following (but please be aware that there are many "right answers" here!):

- Define the scientific method, and its purpose, in your own words.
- Discuss when (and if) it should be taught in school.
- Propose ways that science teachers may be able to do a better job teaching it, and how you might be inclined to teach it yourself.
- Consider some questions when writing your essay: How does creativity affect how someone might apply the scientific method? What about experience and educational background, i.e., do mathematicians and physicists solve the same problems in the same ways?

For formatting, it would be reasonable to use ~1.5 spacing, ~11-12 point type, and a serif typeface such as Garamond or Times. For this particular paper it is not necessary to include any references, but feel free if it is helpful.