

## Microbiology Exercise 1a

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Prepare an answer to the following question before the next class. Be able to discuss this question both in a small group and with the entire class.

Microbes are important in many processes on earth. Name at least one beneficial effect and one detrimental effect of microorganisms in each of the following (as a group you will be required to name at least three):

1. Health and Disease
2. Agriculture and Food Spoilage
3. Industry and Biotechnology
4. Basic Research
5. Environmental Roles

For example, one great advantage of microbes in basic research is that they grow so quickly but a disadvantage is that their cells are different from ours in many ways.

Also, **BRING IN ONE SAMPLE** of an object that is a microorganism, contains microbes, or was produced by microorganisms.