

- PS 1 Students will demonstrate appropriate safety procedures and equipment used in the laboratory and follow proper laboratory procedures. ([Biotechnology Strand](#))
- PS 2 Students will illustrate the flow of genetic information and the production of proteins. ([Biotechnology Strand](#))
- PS 3 Students will describe and demonstrate applications of techniques in the lab. ([Biotechnology Strand](#))
- PS 4 Students will investigate and debate ethical concerns of the applications of Biotechnology.. ([Biotechnology Strand](#))
- PS 5 Students will effectively communicate data and analysis of data in various formats.. ([Biotechnology Strand](#))
- PS 6 Students will describe the structure of cells and how to culture various types of organisms. ([Biotechnology Strand](#))
- PS 7 Students will demonstrate proper bacterial identification and maintenance of cultures. ([Biotechnology Strand](#))