

Science Department Power Standards

Life Science

Biology/Biology with Physiology/Advance Biology

1. Know and apply the concepts, principals and processes of scientific inquiry.
2. Know and apply the concepts of how living things adapt and change
3. Know and apply the concepts that describe how living things interact with their environment
4. Know and apply the concepts of matter and energy and the interactions between them.
5. Know and apply the accepted practices of Science.
6. Know and apply the concepts that describe the interaction between science, technology, and society.

Physical Science

Physical Science/Chemistry/Physics/Advanced Chemistry

1. Know and apply the concepts, principals and processes of scientific inquiry.
2. Know and apply the concepts of matter and energy and the interactions between them.
3. Know and apply the concepts that describe force and motion and the principles that explain them.
4. Know and apply the accepted practices of Science.
5. Know and apply the concepts that describe the interaction between science, technology, and society

Earth Science

1. Know and apply the concepts, principals and processes of scientific inquiry.
2. Know and apply the concepts of matter and energy and the interactions between them.
3. Know and apply the concepts that describe the features and processes of the Earth and its resources.
4. Know and apply concepts that explain the composition and structure of the universe and the Earth's place in it.
5. Know and apply the accepted practices of Science.
6. Know and apply the concepts that describe the interaction between science, technology, and society

