

## Science Power Standards for Grade 3

1. I know that scientists work individually and in groups to point out important facts and communicate them as well as challenge them.
2. I know that scientists use the scientific method or formula process to problem solve and investigate phenomena. I can create questions and investigate them through this procedure and come up with similar results.
3. I know that men and women throughout history from all cultures have been involved in engineering, design and scientific inquiry.
4. I know that tools and instruments have helped scientists do things that would otherwise not be possible. I can use many different tools to improve records of observations made.
5. I know that energy appears in many different forms including light and sound. I recognize that light and sound energy can be changed in different ways.
6. I can observe and describe the seasonal changes in the position of the sun as well as recognize the apparent changes in the moon's shape and size.
7. I know that living things are alike and different in many ways. I can relate different plants and animals and put them in groups based upon certain structures or behaviors.
8. I know that offspring of animals and plants resemble their parents and that these traits can often times give them advantages in survival and reproduction.