



## Meeting SOUTH DAKOTA State Science Standards with eCYBERMISSION

The eCYBERMISSION program gives students the chance to explore how science, technology, engineering, and mathematics work in their world. This emphasis on STEM and a chance for students to engage in inquiry practices makes eCYBERMISSION an excellent addition to your classroom. Below you can find the South Dakota state science standards that align with eCYBERMISSION. Also, based on the direction you give your students their specific investigations can meet content standards (not listed here).

From South Dakota Science Standards - 2015

SEP = Science and Engineering Practices (Chapter 3: Page 41 of Framework)

1. Asking Questions and Defining Problems
2. Developing and Using Models
3. Planning and Carrying Out Investigations
4. Analyzing and Interpreting Data
5. Using Mathematics and Computational Thinking
6. Constructing Explanations and Designing Solutions
7. Engaging in Argument from Evidence
8. Obtaining, Evaluating, and Communicating Information

The reader will notice engineering is integrated through inclusion as a Disciplinary Core Idea, Crosscutting Concept or by use of a Science and Engineering Practice. All standards with an emphasis on engineering are marked by an asterisk (\*). For more information on Engineering see the Framework page 201 and Appendix C of the South Dakota Science Standards.