

K-8 Loudon County Summer Scholars Guide 2019-2020

Rising Grade: 5th grade Science

School: Greenback

Curriculum covered during the previous year that requires continued retention and repetition for students:

- Energy
- Light and Sound
- Plants and Animals
- Energy and Ecosystems
- Earth and Space
- Changes to Earth
- Natural Resources
- The Study of Science
- The Engineering Process

Curriculum for the upcoming school year of which students should be aware, and areas that might be a challenge for students, with suggestions on how students can prepare for the upcoming year:

Fifth Grade Science Topics:

- Matter
- Forces and Motion
- Organisms and Their Traits
- Fossils
- The Solar System and the Universe
- Studying Science
- The Engineering Process
- Technology and Coding

Tips for preparing for the upcoming year:

- Visit the public library to check out books about the above science topics
- Watch kid-friendly science videos such as The Magic School Bus, Bill Nye the Science Guy, and Crash Course Kids
- Visit science museums and nature centers
- Explore nature and keep a science field journal
- Be curious! Ask Questions!

Suggested Summer Reading:

- National Geographic Kids
- Usborne First Encyclopedias
- Kids Discover Magazines

Suggested Activities/Practice Assignments

- Read books and magazines about science
- Explore nature keeping a field journal to document observations
- Conduct science experiments
- Visit Science Museums (AMSE, McClung The Muse)
- Visit Nature Centers (Ijams)
- Crash Course Kids Videos: www.youtube.com/user/crashcoursekids
- Science Experiments: <https://sciencebob.com>