

K-8 Loudon County Summer Scholars Guide 2019-2020

Rising Grade ____ 6th grade Science _____

School ____ Greenback _____

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

- Biological change – unity and diversity
- Engineering design 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:

- Types and forms of energy- kinetic, elastic potential, gravitational potential, electric potential, chemical and thermal
- Transfer of energy- conduction, convection, and radiation
- Wind and its effect on weather patterns
- Symbolic relationships- mutualism, commensalism, and parasitism
- Natural resource

Suggested Summer Reading:

Tornado Terror by Lauren Tarshis

Five Epic Disasters by Laren Tarshis

Suggested Activities/Practice Assignments

- The Muse in Knoxville
- American Museum of Science and Energy Oak Ridge
- Wonderworks Pigeon Forge
- Ijams Nature Center Knoxville
- IXL