

South Gibson County High School Scholars' Prep Guide 2019-2020

Course: ACT Prep – Math and Science

Curriculum for the upcoming course and information of which students should be aware:

Students will receive assistance in test taking skills, and review the Math and Science concepts covered on the ACT. This section of the class will consist primarily of the review of Pre-Algebra, Algebra I, Algebra II, Plane Geometry, Coordinate Geometry, and Trigonometry as well as a review of graphs and functions.

Areas that might be challenging for students:

Students should identify which math concepts they will benefit in reviewing. Test taking skills and time management is the biggest challenge for most students. Particularly in science, being able to proficiently read and interpret graphs is also challenging.

Suggestions on how students can prepare for the upcoming course:

For both math and science, students would benefit from daily practice using past ACT questions. Students can also prepare by taking a practice exam to identify which areas they need to review. For the math portion students should be proficient with fraction rules, special right triangles, basic trigonometry functions, and basic math vocabulary. In science, understanding independent versus dependent variables and a review of science vocabulary is helpful.

Suggested activities or resources (if applicable):

KhanAcademy.org is a great website for math content review. There are numerous websites and smart phone applications available as well that are free of charge. Some applications have daily problems for practice and review of vocabulary. Students should have reviewed their Pareto exam results.

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