



## Agriculture and FFA

Greetings from the Agriculture Department! My name is Bryan Schroer and I teach the elective agriculture Classes. Along with the Agriculture, Trinity has an FFA Chapter started in 2005.

The agriculture program at Trinity is different than public schools. Freshmen have 7 courses with Theology so they are unable to take the introductory classes in agriculture. But we are including the freshmen in the FFA program even if they cannot take an agriculture class. Hopefully, in they will be able to in the sophomore, junior or senior year. I plan to develop a study guide for the freshmen to educate them about the FFA.

Currently, the Agriculture Courses offered include;

Animal Science –Topics covered; beef, swine, sheep, goats, horses, dogs, cats, fish and exotic animals, health, nutrition, reproduction, pleasure animals, service, lab and exotic animals.

Horticulture - Topics covered; reproduction and propagation of plants, plant growth, growth media, floriculture, management practices for field and greenhouse production, production of nursery stock, fruit, nut and vegetable production, and pest management.

Landscape Management - Students are introduced to the procedures used in the planning and design of a landscape, principles and procedures involved with landscape construction and the care and use of equipment utilized by landscapers.

Natural Resources - Students are introduced to career opportunities in natural resource management and related industries, forestry, soils, water, wildlife, conservation, recycling and weather.

Plant Science - Topics covered include: plant components and their functions, plant growth, plant reproduction and propagation, photosynthesis and respiration, integrated pest management plants, biotechnology, soil, fertilizer, soil tillage and conservation, irrigation and drainage, land measurement, grain and forage quality, cropping systems, precision agriculture, and harvesting.

Welcome to Trinity Lutheran High School! If you have any questions please call me at 812-343-5352 or email at [bschroer@trinitycougars.org](mailto:bschroer@trinitycougars.org). You can also find more information under the Cougar Clubs section at [trinitycougars.org](http://trinitycougars.org).

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