

## BISD Principles of Agriculture, Food and Natural Resources

**Course Description:**

This course is an introductory class that prepares students for careers in agriculture, food, and natural resources. The emphasis is on career opportunities, personal development, globalization, industry standards, details, practices, and expectations. Students will have opportunities to gain knowledge and skills related to plant and animal systems, food production, mechanical systems, entrepreneurship, leadership, and environmental sciences.

- Credits: 1 credit
- Grades 9-10 (**required of all ninth or tenth graders wanting to take an Ag. Class**)
- Required prerequisite: none

**Career Cluster/Pathway:** Agriculture, Food and Natural Resources

**Endorsement:** none

**Industry Certification/Credentials:** none

**Scope & Sequence:**

<b>Instructional Units</b>	<b>Pacing</b>
Introduction to Agriculture Science Cluster History of Agriculture Leadership & FFA	<b>1<sup>st</sup> six weeks</b>
Parliamentary Procedure SAE, & Recordkeeping	<b>2<sup>nd</sup> six weeks</b>
Agriculture Around the World Agriculture, food, and natural resource systems at the local, state, national, and international levels	<b>3<sup>rd</sup> six weeks</b>
Animal Science	<b>4<sup>th</sup> six weeks</b>
Plant & Soil Science Environmental Science	<b>5<sup>th</sup> six weeks</b>
Entrepreneurship and Agribusiness Basic power, structural, and technical system skills in agricultural applications <b>Finals</b>	<b>6<sup>th</sup> six weeks</b>