

# **Sustainability in Agriculture**

## **Curriculum**

### **Introduction**

Play the first video in the sustainability playlist to introduce and define the topic. During the video, have students write down 3 takeaway points on the question sheet.

Have a short discussion to continue introducing the topic.

### **Videos and Questions**

Play the rest of the videos and allow students time in between videos to reflect and fill out the questions on the sheet.

### **Activity**

Have students get into small groups or partners.

Each group will be coming up with a mock plan that involves sustainable practices. They can choose whatever type of operation they want (ex: row crop farm, cattle ranch, hog farm, etc.) In the plan they will list three sustainable practices they would like to implement. They can use the internet to research different practices. They need to briefly explain how each practice improves the sustainability of their operation and what it takes to implement that practice.

Give the students about 20-30 minutes to do this.

Then have each group take turns presenting their plan with their sustainability practices. This is what needs to be included in the presentation:

1. Describe the operation
2. List and explain the three sustainable practices they want to implement
3. Describe possible challenges in the plan and how you can overcome them

Allow time for a few short questions at the end of each presentation