

# Agricultural Drones Discussion Guide

## Chapter 2: Eyes in the Sky

1. How are agricultural drones similar to other drones?

---

---

2. How are agricultural drones different from other drones?

---

---

---

3. How are drones used by crop farmers?

---

4. How are drones used by livestock farmers?

---

---

5. What are the advantages of using drones on farms?

---

---

---

---

---

6. What are the benefits of gathering images from a drone's camera instead of a satellite?

---

---

---

---

7. Who sets the rules for drone use in the United States?

---

8. Name three rules for drone use in the United States.

---

---

---

---

### **Chapter 3: Drone Parts and Features**

1. What are two ways that a drone can be flown?

---

2. Describe the differences between fixed-wing drones and rotor drones.

---

---

---

---

---

---

---

---

---

---

3. Describe the three different types of cameras typically carried by agricultural drones.

---

---

---

4. Name two things that can be measured by drone sensors.

---

---

5. What are drone bodies made of?

---

6. How are drone motors powered?

---

7. What does GPS stand for and how does it work?

---

---

---

#### **Chapter 4: Flying into the Future**

1. Which type of business is most likely to use drones?

---

2. What are two reasons for the increased use of drones?

---

---

3. What is the predicted world population in 2050?

---

4. Because people need to eat, a population increase means more \_\_\_\_\_ will need to be produced.

5. In what type of countries is the population expected to increase the most by 2050?

---

6. Which continent has the largest number of least developed countries?

---

7. Why do governments make laws about drone use?

---

---