

Pest Patrol Drone Design Brief



NAME _____

DATE _____

PERIOD _____

Part 1: Draw and label the drone

Create an **idea and evidence chain**, not a working aircraft. Show: ☐ six labeled features ☐ a sensor ☐ movement/coverage ☐ farmer reporting ☐ safety/crop protection ☐ three evidence links. Rough drawings are acceptable when the idea is clear.

Build route: ☐ Paper and pencil ☐ Canva ☐ Adobe Express ☐ Other approved route

Part 2: Explain the career, evidence, and tradeoff

CAREER OPPORTUNITY AND WORK PRODUCT

Career role: _____

The work product I created is _____

It would help this worker or user: _____

EVIDENCE CHAIN

The field report says:

So my drone includes:

This feature would help because:

TRADEOFF

One benefit of my design:

One cost, risk, or limit:

My team should keep/change this feature because: