

# Engineering Planner Sheet

## Engineering Extension

What problem are you trying to solve?

Research the problem and list ways drones have been used to solve similar problems.

Ask

Brainstorm as many ways as you can to modify your drone so that it can solve the problem.

List every idea, even if it seems impossible.

Imagine

Choose a few modifications from your brainstorming list that you will include in your drone. For each modification, list what you may have to give up. This is called the opportunity cost. For example:

Modification - *A claw that lowers*

Opportunity Cost - *Downward-facing camera*

	Modification	Opportunity Cost
Plan		

Draw a picture of your drone.

Create