

Discovery Aviation-Drone Checklist

Student Name: _____ Date Range: _____

Technology Skill	Current level of Mastery 1-4	Comments
Can turn on drone and controller		
Can sync drone and controller		
Can perform basic take off		
Can perform basic and smooth landing		
Can perform basic left/right, backwards/forwards movements		
Can remove and replace battery		
Demonstrates care with drone; transporting, flying, charging, storing, etc.		
Student is able to problem solve in a variety of situations: including using the trimmer buttons		
Can successfully hover the drone		
Is able to perform a 360 degree horizontal spin while hovering; clockwise and counter-clockwise		
Is able to perform a 360 eversion; left and right		
Is able to 'abort mission'; successful crash landing		
Can take a picture to complete a task		
Can take a video to complete a task		
Is able to swap out broken parts; blades, guards, etc.		
Ability to fly drone with camera facing towards you; opposite controls		
Is able to fly different types and sizes of drones available		

Mastery levels (Students must have a 3 or 4 in all areas in order to pass a level)

- 1 - Requires Teacher assistance; no knowledge of skill
- 2- Minimal Teacher assistance needed; some knowledge of skill
- 3- No Teacher assistance needed; independent in performing skill
- 4- Full understanding of skill and is willing and able to teach others