

Practice Schedule

In order to prepare students for the state tournament, Fenworks recommends that schools have four one-hour sessions each week for practices.

Sample Daily Schedule – 1 hr Long Practices

0:00 – 0:15 - Warm up on sim

- Time for letting everyone trickle in and to free play warm up on VelociDrone

0:15 – 0:20 - Content viewing

- Viewing for the content of the day, shouldn't be more than 5 minutes

0:20 - 0:25 - Discussion on content material

- Debrief/discussion to clarify any questions or discuss and gray points

0:25 - 0:35 – Application of material on Sim

- Hands on time to apply the material covered in VelociDrone. Practicing on the sim first allows for errors and mess ups without consequence.

0:35 – 0:50 – Application of material with TinyHawk III

- Real life application of the day's material, hands on time for GM as there will be various amounts of drones flying at once

0:50 – 0:60 – Free fly time

- Time to allow students to fly as they please and have fun

Weekly Focuses

Week 1 – 2: Getting a feel for the controls and practicing on the simulator. For beginners, the controls will be very foreign and it's important to just getting a basis for the first week.

Week 3 – Week 4: General flying focus. Even getting the drone to have a steady hover will be difficult and any sort of technical flying will feel very far away. These weeks are just about the basics. VelociDrone is where different aspects of flying can be introduced, this will feel more comfortable to begin with

Week 5 – Week 6: More focus on technical parts of flying. Integrating actual flight as much as possible while also focusing on the competitive aspect on VelociDrone

Week 7 – Week 8: Prep for the state tournament. Focusing on the competition and practicing state courses