

HASSE Rocketworkz Online Course – *Go Beyond***Class Schedule**

	Course Outline	Discussion/Assignment
Testing	Online testing General rules and guidelines	System preparation & recommended previews
Week 1	Students will become familiar with class projects, outcomes, and rocketry principles presented in the course. Basic rocketry mathematics will be taught.	Outline rocket basic shape design
Week 2	OpenRocket introduction and start designing rockets	Explore OpenRocket to sketch a rough design of a rocket
Week 3	Students complete rocket designs. Physical build of rocket begins	Begin submission of rocket build examples and include design decisions and why they made
Week 4	Physical build of rocket continues	Students will work out schematics and simulations to derive predictions and report writing. Students will simulate as closely as possible their rocket flights and add their results into the report
Week 5	Launch day!	Finalize report
Week 6	Review and debrief	Celebrate the rocketeer experience!

- Ensure the login environment is quiet and undisturbed during online sessions.
- Parents may occasionally assist during after-course discussions; however, parental participation is not allowed.
- Due to operating hours of launch base facilities and weather conditions, HASSE reserves the right to adjust or change the course.

