

Lunar Lander Technologies – Assessment Rubric				
Criteria	Level 1	Level 2	Level 3	Level 4
Computational thinking	With support, is sometimes able to demonstrate computational thinking strategies by writing code that mostly makes sense.	Is sometimes able to demonstrate computational thinking strategies by writing code that mostly makes sense.	Is able to adequately demonstrate computational thinking strategies by writing code that makes sense and serves a specific function.	Is able to effectively demonstrate computational thinking strategies by writing code that makes sense and serves a specific function.
System design	With support, is able to design, build, and code a mostly functional system that measures acceleration and radio transmits data.	Is able to design, build, and code a mostly functional system that measures acceleration and radio transmits data.	Is able to sufficiently design, build, and code a functional system that measures acceleration and radio transmits data.	Is able to efficiently design, build, and code a functional system that measures acceleration and radio transmits data.
Debugging	With support, is able to troubleshoot the device and mostly debug the system using a variety of strategies.	Is able to troubleshoot the device and mostly debug the system using a variety of simple strategies.	Is able to troubleshoot the device and debug the system using a variety of simple strategies.	Is able to troubleshoot the device and debug the system using a variety of creative strategies.
Showcase	Is able to showcase some of their system and, with prompting, explain how most of it works and the possible real-world applications.	Is able to showcase their system and, with prompting, explain how most of it works and the possible real-world applications.	Is able to showcase their system and explain how it works and the possible real-world applications.	Is able to comfortably showcase their system and explain how it works and the possible real-world applications.
Collaboration	With support, is able to work with group partners demonstrating developing collaboration skills	Is able to work well with group partners demonstrating adequate collaboration skills	Is able to work well with group partners demonstrating good collaboration skills	Is proficient in working with group partners, demonstrating strong collaboration skills