

Water Use & Conservation Technologies - Assessment Rubric Criteria Level 1 Level 2 Level 3 Level 4 With support, is Is sometimes able to Can adequately Can effectively sometimes able to demonstrate demonstrate demonstrate Computational demonstrate computational thinking computational thinking computational thinking thinking computational thinking strategies by writing code strategies by writing code strategies by writing code strategies by writing code that mostly makes sense. that makes sense and that makes sense and that mostly makes sense. serves a specific function. serves a specific function. Can design, build, and With support, can design, Can sufficiently design, Can efficiently design, build, and code a mostly code a mostly functional build, and code a build, and code a **System** functional system that system that counts down a functional system that functional system that design counts down a chosen chosen amount of time counts down a chosen counts down a chosen amount of time amount of time amount of time With support, can Can troubleshoot the Can troubleshoot the Can troubleshoot the troubleshoot the device device and mostly debug device and debug the device and debug the **Debugging** the system using a variety and mostly debug the system using a variety of system using a variety of system using a variety of of simple strategies. simple strategies. creative strategies. strategies. Can showcase some of Can comfortably Can showcase their Can showcase their their systems and, with system and, with system and explain how it showcase their system prompting, explain how prompting, explain how works and the possible and explain how it works **Showcase** most of them work and most of it works and the real-world applications. and the possible realthe possible real-world possible real-world world applications. applications. applications. With support, can work Can work well with group Can work well with group Is proficient in working with group partners partners demonstrating partners demonstrating with group partners, Collaboration demonstrating developing adequate collaboration good collaboration skills demonstrating strong collaboration skills collaboration skills skills