

## Environmental monitoring systems (temperature) - 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 computational thinking computational thinking computational thinking demonstrate thinking strategies by writing code strategies by writing code strategies by writing code computational thinking that makes sense and strategies by writing code that mostly makes sense. that makes sense and that mostly makes sense. serves a specific function. serves a specific function. With support, can design, Is able to design, build, Can sufficiently design, Can efficiently design, build, and code a mostly and code a mostly build, and code a build, and code a **System** functional system that functional system that functional system that functional system that design senses the environment. senses the environment senses the environment senses the environment (temperature, etc.) (temperature, etc.) (temperature, etc.) (temperature, etc.) With support, can Can troubleshoot the Can troubleshoot the Can troubleshoot the device and mostly debug device and debug the device and debug the troubleshoot the device **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 comfortably Can showcase some of Can showcase their Can showcase their their system 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 it works and the most of it works and the real-world applications. and the possible realpossible 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 skills collaboration skills