

Grade 4 Burglar Alarm Rubric

	1	2	3	4
Creativity	Does not meet basic requirements. No frills or props. Simple house. Basic program. One sound.	Meets basic requirements of detecting and scaring burglar or notifying owner. Use motion sensor to detect burglar. Uses built in sounds. No frills house.	Uses 2 sensors or a motor and a sensor or is very creative in another way. Has 1-2 basic extra house features and props.	Multiple solutions considered, unique solutions, uses 2 sensors or a motor and a sensor. Recorded one sound and used other sounds as well as complex series of programming icons. More than 2 unique house features or props.
Collaboration	Team did not work together. One person did all the work or there were frequent disagreements that needed teacher intervention.	Team work together but there were problems and/or the work was not shared effectively.	Team worked well together. Work was shared effectively.	Team helped and actively encouraged each other. The work was shared effectively.
Communication	Posters do not represent actual design and prototype. Sales pitch missing or does not refer to actual prototype.	Basic posters and sales pitches explains and promotes design.	Posters and/or sales pitch has effective elements that helps sell their design.	Very creative and effective posters and sales pitch. Both team members can articulate benefits of their design.

