

Rubric for Design a Parachute Activity - Paratroopers WWII

Criteria	Beginning (1)	Developing (2)	Proficient (3)	Advanced (4)	Score
Results	Parachute is not constructed	Parachute is partially constructed	Parachute is completely constructed	Parachute is completely and skillfully constructed	
Construction	Parachute is not tested	Parachute falls quickly to the ground	Parachute falls gently to the ground	Parachute falls very slowly to the ground	
Collaboration	Partners did not work together	Partners worked together, but there was some conflict	Partners worked well together without conflict	Partners worked extremely well together and listened to each other	
Redesign	Student does not attempt to improve original design	Student is unsuccessful at improving their original parachute design	Student makes a parachute that is slightly better than their original design	Students create a second parachute that works much better than their first one	

STEM Display Context Rubric



	Exceptional (3)	Admirable (2)	In Progress (1)
STEM Content	Activity matches more than one displayed standard. Involves one or more component of STEM (science, technology, engineering, math)	Activity matches one displayed standard. Involves one component of STEM (science, technology, engineering, math).	Activity does not show connection to the displayed standard. STEM (science, technology, engineering, <u>math</u>) component not in evidence.
Coherence and Organization	Activity is clearly described; all information is presented in a logical sequence; abundant evidence of student <u>work</u> ; <u>very</u> well organized;	Activity is described; most information is presented in a logical sequence; some evidence of student work; generally organized;	Activity description is unclear; some information presented in a logical sequence; little evidence of student work; poorly organized
Creativity	An original presentation of project; captures audience's attention	Some originality apparent; is appealing to audience	Project presented with little originality
Student - centered;	Evidence of high student involvement throughout the activity.	Some evidence of student involvement throughout the activity.	Little evidence of student involvement throughout the activity.

