

Crazy Contraptions K-5th Grade Rubric

Student ID: _____ Evaluator: _____ Total Score: _____/42

Category	0	1	2	3	Weight
Crazy Contraption	<p>None of the following are true:</p> <ul style="list-style-type: none"> - Student provides the name of their contraption. - Student identifies what task their contraption will perform. - Student provides a list of materials needed to build their contraption. 	<p>One of the following are true:</p> <ul style="list-style-type: none"> - Student provides the name of their contraption. - Student identifies what task their contraption will perform. - Student provides a list of materials needed to build their contraption. 	<p>Two of the following are true:</p> <ul style="list-style-type: none"> - Student provides the name of their contraption. - Student identifies what task their contraption will perform. - Student provides a list of materials needed to build their contraption. 	<p>All of the following are true:</p> <ul style="list-style-type: none"> - Student provides the name of their contraption. - Student identifies what task their contraption will perform. - Student provides a list of materials needed to build their contraption. 	X2
Design	<p>None of the following are true:</p> <ul style="list-style-type: none"> - Student draws the design for their contraption. - Student colors the design for their contraption. - The student's design is creative. 	<p>One of the following are true or all are somewhat true:</p> <ul style="list-style-type: none"> - Student draws the design for their contraption. - Student colors the design for their contraption. - The student's design is creative. 	<p>Two of the following are true or all are mostly true:</p> <ul style="list-style-type: none"> - Student draws the design for their contraption. - Student colors the design for their contraption. - The student's design is creative. 	<p>All of the following are true and well done:</p> <ul style="list-style-type: none"> - Student draws the design for their contraption. - Student's design clearly shows how their contraption will complete the identified task. - The student's design is creative. 	X3
Labeling Design	<p>None of the following are true:</p> <ul style="list-style-type: none"> - Student labels the different simple machines in their contraption. - Student labels energy types in their contraption. - Student uses arrows to show when an object is moving. 	<p>One of the following are true or all are somewhat true:</p> <ul style="list-style-type: none"> - Student labels the different simple machines in their contraption. - Student labels energy types in their contraption. - Student uses arrows to show when an object is moving. 	<p>Two of the following are true or all are mostly true:</p> <ul style="list-style-type: none"> - Student labels the different simple machines in their contraption. - Student labels energy types in their contraption. - Student uses arrows to show when an object is moving. 	<p>All of the following are true and well done:</p> <ul style="list-style-type: none"> - Student labels the different simple machines in their contraption. - Student labels energy types in their contraption. - Student uses arrows to show when an object is moving. 	X3

Simple Machines	<p>The following are true:</p> <ul style="list-style-type: none"> - Student does not identify an object that they used in their contraption. - Student does not identify a simple machine they used in their contraptions. 	<p>One of the following are true or all are somewhat true:</p> <ul style="list-style-type: none"> - Student identifies 1 object they used in their contraption. - Student identifies 1 simple machine they used in their contraptions. 	<p>One of the following are true or all are somewhat true:</p> <ul style="list-style-type: none"> - Student identifies 2 different objects they used in their contraption. - Student identifies 1 simple machine they used in their contraptions. 	<p>Both of the following are true and well done:</p> <ul style="list-style-type: none"> - Student identifies 3 different objects they used in their contraption. - Student identifies 2-3 different simple machines they used in their contraptions. 	X3
Energy Types	<p>The following is true:</p> <ul style="list-style-type: none"> - Student does not identify different objects they used in their contraption. 	<p>One of the following are true or all are somewhat true:</p> <ul style="list-style-type: none"> - Student identifies 2 different objects they used in their contraption. - Student circles the type of energy of each of the 2 different objects used in their contraption. 	<p>One of the following are true or all are somewhat true:</p> <ul style="list-style-type: none"> - Student identifies 3 different objects in their contraption. - Student circles the type of energy of each of the 3 different objects used in their contraption. 	<p>All of the following are true:</p> <ul style="list-style-type: none"> - Student identifies 4 different objects in their contraption. - Student circles the type of energy of each of the 4 different objects used in their contraption. 	X3

The 0-3 score for each criterion will be multiplied by the multiplier number in the final column then added together to find the final score.