

3rd-12th Build the Future Rubric

Student ID: _____ Evaluator: _____ Total Score: _____/36

Category	0	1	2	3	Weight
Organization	<p>None of the following are true:</p> <ul style="list-style-type: none"> - The presentation is organized. - The information is laid out in a logical manner. - The presentation is concise. 	<p>One of the following is true:</p> <ul style="list-style-type: none"> - The presentation is organized. - The information is laid out in a logical manner. - The presentation is concise. 	<p>Two of the following are true:</p> <ul style="list-style-type: none"> - The presentation is organized. - The information is laid out in a logical manner. - The presentation is concise. 	<p>All of the following are true:</p> <ul style="list-style-type: none"> - The presentation is organized. - The information is laid out in a logical manner. - The presentation is concise. 	x1
Presentation	<p>None of the following are true:</p> <ul style="list-style-type: none"> - Presentation has little to no grammatical or spelling errors. - Presentation is informative. - Presentation leaves the evaluator inspired or impressed. 	<p>One of the following is true:</p> <ul style="list-style-type: none"> - Presentation has little to no grammatical or spelling errors. - Presentation is informative. - Presentation leaves the evaluator inspired or impressed. 	<p>Two of the following are true:</p> <ul style="list-style-type: none"> - Presentation has little to no grammatical or spelling errors. - Presentation is informative. - Presentation leaves the evaluator inspired or impressed. 	<p>All of the following are true:</p> <ul style="list-style-type: none"> - Presentation has little to no grammatical or spelling errors. - Presentation is informative. - Presentation leaves the evaluator inspired or impressed. 	x1
Ask	<p>None of the following are true:</p> <ul style="list-style-type: none"> - Student identifies a real world problem in their community. - Student explains why the issue is a public concern. - Student supports claims with research. 	<p>One of the following is true or all are somewhat true:</p> <ul style="list-style-type: none"> - Student identifies a real world problem in their community. - Student explains why the issue is a public concern. - Student supports claims with research. 	<p>Two of the following are true or all are mostly true:</p> <ul style="list-style-type: none"> - Student identifies a real world problem in their community. - Student explains why the issue is a public concern. - Student supports claims with research. 	<p>All of the following are true and well done:</p> <ul style="list-style-type: none"> - Student identifies a real world problem in their community. - Student explains why the issue is a public concern. - Student supports claims with research. 	X2
Research	<p>None of the following are true:</p>	<p>One of the following is true or all are somewhat true:</p>	<p>Two of the following are true or all are mostly true:</p>	<p>All of the following are true and well done:</p>	X2

	<ul style="list-style-type: none"> - Student provides detailed research about the problem they identified. - Research is relevant and insightful to problem. - Student includes what may already be in place for fixing the problem in their research. 	<ul style="list-style-type: none"> - Student provides detailed research about the problem they identified. - Research is relevant and insightful to problem. - Student includes what may already be in place for fixing the problem in their research. 	<ul style="list-style-type: none"> - Student provides detailed research about the problem they identified. - Research is relevant and insightful to problem. - Student includes what may already be in place for fixing the problem in their research. 	<ul style="list-style-type: none"> - Student provides detailed research about the problem they identified. - Research is relevant and insightful to problem. - Student includes what may already be in place for fixing the problem in their research. 	
Imagine & Plan	<p>None of the following are true:</p> <ul style="list-style-type: none"> - Student identifies a realistic solution to the real world problem. - Student has detailed explanations for why they chose the solution they did. - Student has specific steps for how they plan to build their prototype. 	<p>One of the following is true or all are somewhat true:</p> <ul style="list-style-type: none"> - Student identifies a realistic solution to the real world problem. - Student has detailed explanations for why they chose the solution they did. - Student has specific steps for how they plan to build their prototype. 	<p>Two of the following are true or all are mostly true:</p> <ul style="list-style-type: none"> - Student identifies a realistic solution to the real world problem. - Student has detailed explanations for why they chose the solution they did. - Student has specific steps for how they plan to build their prototype. 	<p>All of the following are true and well done:</p> <ul style="list-style-type: none"> - Student identifies a realistic solution to the real world problem. - Student has detailed explanations for why they chose the solution they did. - Student has specific steps for how they plan to build their prototype. 	X2
Create	<p>None of the following are true:</p> <ul style="list-style-type: none"> - Student includes all seven steps of the Engineering Design Process in their presentation. (Ask, research, imagine, plan, create, test, and improve.) - Each step includes detailed relevant information. - Each step includes a photo or video. 	<p>One of the following is true:</p> <ul style="list-style-type: none"> - Student includes all seven steps of the Engineering Design Process in their presentation. (Ask, research, imagine, plan, create, test, and improve.) - Each step includes detailed relevant information. - Each step includes a photo or video. 	<p>Two of the following are true:</p> <ul style="list-style-type: none"> - Student includes all seven steps of the Engineering Design Process in their presentation. (Ask, research, imagine, plan, create, test, and improve.) - Each step includes detailed relevant information. - Each step includes a photo or video. 	<p>The following is true:</p> <ul style="list-style-type: none"> - Student builds a prototype of their solution to the problem. - Student includes details about building the prototype (what went wrong, what surprised them). - A photo is included of student's prototype. 	X3

Improve	<p>None of the following are true:</p> <ul style="list-style-type: none"> - Student states strengths and weaknesses of their prototype. - Student outlines what could be done differently to make it better. - Student reflects on if they think this could actually impact the problem and why or why not. 	<p>One of the following is true:</p> <ul style="list-style-type: none"> - Student states strengths and weaknesses of their prototype. - Student outlines what could be done differently to make it better. - Student reflects on if they think this could actually impact the problem and why or why not. 	<p>Two of the following are true:</p> <ul style="list-style-type: none"> - Student states strengths and weaknesses of their prototype. - Student outlines what could be done differently to make it better. - Student reflects on if they think this could actually impact the problem and why or why not. 	<p>All of the following are true:</p> <ul style="list-style-type: none"> - Student states strengths and weaknesses of their prototype. - Student outlines what could be done differently to make it better. - Student reflects on if they think this could actually impact the problem and why or why not. 	X2
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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.