

## Recreation in Minecraft: Rubric

## Section 1: Planning

Topic	Exceeding (5)	Meeting (4)	Beginning (3)	Not Yet (2)
<b>Structure</b>	You have chosen a complex structure that would be difficult to recreate in Minecraft.	You have chosen a complex structure that would be easy to recreate in Minecraft.	You have chosen a basic structure with no complexity that is easy to recreate in Minecraft.	You have chosen a basic structure with no complexity that is easy to recreate in Minecraft.
<b>Scale</b>	The scale you have chosen is relevant to your place and includes all steps to find the scale. There is NO mathematical errors. You showed all your work.	The scale you have chosen is relevant to your place and includes all steps to find the scale. There are minor (1-2) mathematical errors. You showed most (50 - 99%) of your work	The scale you have chosen is NOT relevant to your project and includes all steps to find the scale. There are major (>3) mathematical errors. You showed little (1 – 49%) of your work.	There was NO attempt made to create the scale. You showed no work.
<b>Diagrams</b>	You have drawn diagrams with an accurate scale and your diagrams are relevant to your place. You included extra details that a normal diagram does not have.	You have drawn diagrams with an accurate scale and your diagrams are relevant to your place.	You have drawn diagrams that are not with an accurate scale.	You did not draw any diagrams

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Section 2: Surface Area & Volume

Topic	Exceeding (5)	Meeting (4)	Beginning (3)	Not Yet (2)
<b>Surface Area of Actual Structure</b>	You have attempted the Surface Area of your actual place. There is NO mathematical errors in your calculations. You showed all your work.	You have attempted the Surface Area of your actual place. There are minor (1-2) mathematical errors. You showed most (50 - 99%) of your work	You have attempted the Surface Area of your actual place. There are major (>3) mathematical errors. You showed little (1 – 49%) of your work.	You made NO attempt at finding the Surface Area of your actual place. You showed no work.
<b>Surface Area of Minecraft Structure</b>	You have attempted the Surface Area of your Minecraft recreation. There is NO mathematical errors in your calculations. You showed all your work.	You have attempted the Surface Area of your Minecraft recreation. There are minor (1-2) mathematical errors. You showed most (50 - 99%) of your work	You have attempted the Surface Area of your Minecraft recreation. There are major (>3) mathematical errors. You showed little (1 – 49%) of your work.	You made NO attempt at finding the Surface Area of your Minecraft recreation. You showed no work.
<b>Volume of Actual Structure</b>	You have attempted the Volume of your actual place. There is NO mathematical errors in your calculations. You showed all your work.	You have attempted the Volume of your actual place. There are minor (1-2) mathematical errors. You showed most (50 - 99%) of your work	You have attempted the Volume of your actual place. There are major (>3) mathematical errors. You showed little (1 – 49%) of your work.	You made NO attempt at finding the Volume of your actual place. You showed no work.
<b>Volume of Minecraft Structure</b>	You have attempted the Volume of your Minecraft recreation. There is NO mathematical errors in your calculations. You showed all your work.	You have attempted the Volume of your Minecraft recreation. There are minor (1-2) mathematical errors. You showed most (50 - 99%) of your work	You have attempted the Volume of your Minecraft recreation. There are major (>3) mathematical errors. You showed little (1 – 49%) of your work.	You made NO attempt at finding the Surface Area of your Minecraft recreation. You showed no work.

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Section 3: Cost, Budget & Loans

Topic	Exceeding (5)	Meeting (4)	Beginning (3)	Not Yet (2)
<b>Materials</b>	You listed the “exact” materials that your place used in creating your chosen place. You rounded to the nearest whole number to calculate cost. You showed all your work.	You listed the “relevant” materials that your place used in creating your chosen place. You rounded to the nearest whole to calculate cost. You showed most (50 - 99%) of your work	You listed the “irrelevant” materials that your place used in creating your chosen place. You did not round to the nearest whole to calculate cost. You showed little (1 – 49%) of your work.	You listed the “NO” materials that your place used in creating your chosen place. You showed no work.
<b>Cost</b>	You found the costs of all your materials. Your cost calculations show NO mathematical errors. You showed all your work.	You found the costs of all your materials. Your cost calculations show minor (1-2) mathematical errors. You showed most (50 - 99%) of your work	You found the costs of all your materials. Your cost calculations show major (>3) mathematical errors. You showed little (1 – 49%) of your work.	You found NO costs of your materials. You showed no work.
<b>Loan</b>	You created a loan that covers your cost of materials. You developed a loan payment strategy. There are NO mathematical errors. You showed all your work.	You created a loan that covers your cost of materials. You developed a loan payment strategy. There are minor (1-2) mathematical errors. You showed most (50 - 99%) of your work	You created a loan that does not cover your cost of materials. You developed a loan payment strategy. There are Major (>3) mathematical errors. You showed little (1 – 49%) of your work.	You created NO loan. You showed no work.
<b>List of Resources</b>	You have listed more than 5 sources of information to find all materials and loan payment.	You have listed 3 to 4 sources of information to find all materials and loan payment.	You have listed 1 to 2 sources of information to find all materials and loan payment.	You DID NOT list your sources.

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Section 4: Minecraft World

Topic	Exceeding (5)	Meeting (4)	Beginning (3)	Not Yet (2)
<b>Blocks Used</b>	You have found or created a resource pack (same as texture pack) to use in building your structure in Minecraft.	You found similar blocks to represent the materials that you found in the actual structure.	You found similar blocks to represent the materials that you found in the actual structure.	You DID NOT do the Minecraft world.
<b>Following the Diagrams</b>	You followed your diagrams you created in your plans, and you DID NOT change your plans.	You followed the diagrams you created in your plans, and you changed your plans slightly.	You followed the diagrams you created in your plans, and you changed your plans lots.	You did not follow the diagrams you created in your plans.
<b>Similarities</b>	Your Minecraft structure looks “exact” like the actual structure.	Your Minecraft structure looks “nearly less than 10% margin of error” like the actual structure.	Your Minecraft structure looks “similar” like the actual structure.	Your Minecraft structure does not look like the actual structure.
<b>NPCs &amp; Blackboards</b>	You added lots of NPCs & Blackboards as tour guides in your place and described what you did.	You added some blackboards your place to describe what you did.	You added little of blackboards to describe what you did.	You added no blackboards.

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*Section 5: Presentation*

<b>Topic</b>	<b>Exceeding (5)</b>	<b>Meeting (4)</b>	<b>Beginning (3)</b>	<b>Not Yet (2)</b>
<b>Information</b>	You included all relevant information for your project. You included extra information.	You included most (50 to 95%) relevant information.	You included some (25 to 45%) relevant information.	You included little ( $\leq 20\%$ ) relevant pieces of information.
<b>Design</b>	You made your presentation in a creative way. Your presentation is easy to follow.	You made your presentation in a nice way. Your presentation is easy to follow.	You made your presentation complicated. Your presentation is hard to follow.	You made no effort in making your presentation.
<b>Works Cited</b>	You listed ALL your sources.	You listed most (90-95%) of your sources.	You listed some (60-89%) of your sources	You listed little ( $\leq 69\%$ ) of your sources

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Section 6: Participation

6.1 Group/Partners

Topic	Exceeding (5)	Meeting (4)	Beginning (3)	Not Yet (2)
<b>Participation</b>	You participated in your group (or partner). You were a leader in doing this project.	You participated in your group (or partner). You were a leader and a follower in doing this project.	You participated in your group (or partner). You were just a follower in do.	You DID NOT participate in your group (or partner). You left all the work for everyone else to do.
<b>Use of Class Time</b>	You used your class time effectively. You were not disruptive. Once you finished a task you went ahead.	You used your class time wisely. You were not disruptive. You finished the tasks in the certain amount of time.	You used your class time lousy. You were disruptive. You finished your tasks but not in the amount of time given.	You used your class time poorly. You were disruptive. You did not finish your tasks.

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6.2 Individual

Topic	Exceeding (5)	Meeting (4)	Beginning (3)	Not Yet (2)
<b>Participation</b>	You focused on your own project. You worked on it by yourself.	You focused on your own project. You worked on it by yourself with a little help.	You focused on your own project and others around you. You asked for help lots.	You did not work on your own project.
<b>Use of Class Time</b>	You used your class time effectively. You were not disruptive. Once you finished a task you went ahead.	You used your class time wisely. You were not disruptive. You finished the tasks in the certain amount of time.	You used your class time lousy. You were disruptive. You finished your tasks but not in the amount of time given.	You used your class time poorly. You were disruptive. You did not finish your tasks.

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