

Lethbridge School Division

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Lego Challenge 2022/23 Scoring Rubric

Name:

School Grade:

Category:

Category	4 Points	3 Points	2 Points	1 Point
Design	The Lego build has multiple design features that make it an Engineering masterpiece	The Lego Build has Engineering incorporated and overall has a good design that is functional.	The Lego Build has Engineering incorporated but due to design it is not very functional.	There is a lack of design, and nothing is functioning as intended.
Creativity	The build incorporates many generic Lego pieces that did not come from a kit, it's an original piece.	The build came from a kit, but it incorporated several different pieces that make it unique and original.	The build is from a kit and incorporates a few generic pieces but overall, it is not completely unique.	The build is completely as it arrived in the kit.
Explanation/Rational	There is a complete, interesting writeup or video explaining the Lego build that extensively elaborates on the details of the build and the success and challenges that came with it.	There is a writeup or video that explains the build and gives details of the successes and challenges that came with the build	There is a writeup or video that explains the build and includes some details of the successes and challenges that came with the project.	Student includes a writeup or video but includes very little details about the project and the successes and challenges that came with it.
Build Cleanliness and Block Choice	The build utilizes Lego pieces in a way that adds to the function and form of the build in an extremely clean way. No extra blocks are added or unnecessarily protruding from the build.	The build utilizes Lego pieces in a way that adds to the function and form of the build in a functional way. There are a few unnecessary blocks or a few blocks protruding from the build.	The build utilizes Lego pieces in a way that hinders the function and form of the build. There are many unnecessary blocks and multiple blocks protruding from the build.	The build utilizes Lego pieces in a way that hinders the function and form of the build. There are many unnecessary blocks and multiple blocks protruding from the build. Blocks are placed in a very unorderly way.
Attention to Detail and Planning	The build reflects that extreme planning and forethought went into the build.	The build shows that good planning and forethought went into the build.	The build shows that planning and forethought went into the build. More effort in planning could have created a better piece.	The build shows that little to no planning and forethought went in the build. Planning out the project or reinventing it would have been beneficial
Curriculum Integration (For Class entries Only)	The project fits into the curriculum perfectly and is a great example of displaying student learning.	The project fits into the curriculum and is a good example of displaying student learning.	The project does not seem to fit into the curriculum. It demonstrates student learning, but the outcomes proposed do not fit the project.	The project did not meet any learning outcomes or display any type of meaningful learning tied to the curriculum.
			Total:	