

micro:bit Rover Lessons Rubric

Lesson 2: Designing a Motor Bracket

OBJECTIVE	0 POINTS	1 POINT	2 POINTS	3 POINTS	4 POINTS
ANALYZE AND EVALUATE	No analysis or evaluation of the TT motor specifications.	Minimal analysis or evaluation of the TT motor specifications.	Partial analysis or evaluation of the TT motor specifications.	Nearly complete analysis or evaluation of the TT motor specifications.	Complete and thorough analysis and evaluation of the TT motor specifications.
DESIGN AND CREATE	No design or 3D model created.	Design or 3D model created but does not match specifications.	Design or 3D model partially matches specifications.	Design or 3D model mostly matches specifications.	Design and 3D model perfectly match specifications.
APPLY AND TEST	No testing or refining of the motor bracket.	Minimal testing or refining of the motor bracket.	Partial testing or refining of the motor bracket.	Nearly complete testing or refining of the motor bracket.	Complete and thorough testing and refining of the motor bracket.
REFLECT AND REVISE	No reflection or application of insights.	Minimal reflection or application of insights.	Partial reflection or application of insights.	Nearly complete reflection or application of insights.	Complete and thorough reflection and application of insights.