

Checklist for Assessment of Mobile

Title: _____ Team: _____

I. Mobile 40%

4 points Neat construction and assembly, well balanced, more than three levels _____

3 points Good construction and assembly, well balanced, three levels

2 points Poor construction and assembly, poor balance, three levels

II. Calculations, Blueprint and Journal 40%

Calculations of Translational and Rotational Equilibrium _____

4 points: Comprehensive, neat, accurate, easy-to-follow
(includes equations. substitution of values and units).

3 points: Complete, accurate, easy-to-follow, contains all units.

2 points: Incomplete, some inaccuracy.

Record of Progress (Journal) _____

4 points: Neat, thorough, complete procedural process documented.

Creative problem-solving and sound planning demonstrated.

3 points: Accounts for all errors and corrections as needed. Neat, complete procedural process documented. Problem-solving and planning demonstrated.

2 points: Difficult to read. Incomplete procedure. Accounts for problems.

Blueprint. _____

4 points: Blueprint is neat, properly labeled and to scale.

3 points: Blueprint is neat, mostly labeled, and to scale.

2 points: Blueprint is incomplete.

III. Artistic Appeal and Design 20%

4 points: Unique theme and interesting design. Makes a visual impact. Excellent level of creativity.

3 points: Definite theme. Basic level of creativity.

Mobile	40%
Calculations, Blueprint & Journal	40%
Artistic Appeal and Design	20%
FINAL SCORE	