



Project ID# _____

Group Letter: _____

PL-1 Plastics Technology: *Groups are eligible to participate: A, N & E*

Plastics Technology: Any entry which includes casting, inlaying, shaping, forming, or carving is eligible. A complete set of plans must accompany the project. Any casting that was produced from a student made mold must be accompanied by that mold. All other castings will be assumed to have been produced from commercial molds and therefore do not require a drawing. Examples: (Paperweight, bookends, night lamp, penholder, earrings, or broach.) Or Any entry in which industrial processes or forming and fabrication of plastic are the major operations required is eligible. Also included are thermoforming, injection molding, compression molding, and transfer molding articles. Student-made molds must accompany the project. Examples: (Picture frames, bookends, bowl, vase, lamp, or any item representing the commercial or industrial processes and uses of plastics.) A complete set of plans must accompany the project. *Laminated bow are to be interested in OD-1*

Classification: PL-1 - Entry Title: _____

Entry Checklist:

- _____ Set of plans included.
- _____ Entry includes the mold(s) if required.
- _____ Technical Report

Scoring Rubric

Each project will be subject to this checklist with negative points deducted from 100.

Category:	- 4 or more	- 3	- 2	- 1	- 0	Neg. Pts.
Functional & Shows Good Design						
Quality, Craftsmanship & Mold Construction						
Accuracy, Neatness and Appearance						
Surface Preparation and Finish						
Complexity – Creativity - Originality	+3	+1	0	-1	-3	
Subtract Negative points from 100			Project Rating =			

Judges may subtract more than the -4 at there own discretion.

Entry Violation: ___ Missing information. ___ No Technical Report: ___ (Total violation) _____

100-90 = I (blue) - 89-80 = II (red) - 79-65 = III (white)

Overall Project Score _____

- 2 or more pts. = shows effort, but more could have been done.

- 1 pt. = a very good effort - with minimal flaws or defects

- 0 pts. = Excellent effort - no mistakes or visible flaws

Grp A: is for students in grades 6, 7 and 8 who receive instruction averaging less than 6 clock hours per week.

Grp (N) - Novice or Amateur: a person who is new to the circumstances, work, etc., in which he or she is placed; beginner; tyro: a novice in the entry area. This entry area is for the 1st year the student has entered in this project area.

Grp (E) - is for the special needs students in Industrial Technology classes. Note: In an effort to recognize the exceptional student, "Group E" has been created. The exceptional student may be entered either in "Group E" or mainstreamed into groups with other students according to grade level.

Student info / Project ID#. _____

School. _____

Instructor. _____