



SCORING RUBRIC

TITLE OF INVENTION

Student Name

Grade/Room

Teacher

Date

| | MASTER | APPRENTICE | NOVICE |
|---|---|---|---|
| MEETS A NEED OR SOLVES A PROBLEM | <ul style="list-style-type: none"> Idea clearly & completely meets a need or solves a problem Idea demonstrates a thorough understanding of every day concepts & problems | <ul style="list-style-type: none"> Idea meets a need or solves a problem Idea demonstrates understanding of everyday concepts and problems | <ul style="list-style-type: none"> Idea does not meet or solve a problem Idea does not demonstrate an understanding of everyday concepts & problems |
| | 21-30 POINTS | 11-20 POINTS | 1-10 POINTS |
| CREATIVITY & ORIGINALITY | <ul style="list-style-type: none"> Idea clearly & completely demonstrates creativity Idea clearly & completely demonstrates originality | <ul style="list-style-type: none"> Idea demonstrates use of creativity Idea demonstrates attempt for originality | <ul style="list-style-type: none"> Idea does not demonstrate creativity Idea does not demonstrate originality |
| | 21-30 POINTS | 11-20 POINTS | 1-10 POINTS |
| PRESENTATION | <ul style="list-style-type: none"> Model clearly & completely represents invention idea Model includes all necessary details for visual understanding of invention's use Model clearly & completely demonstrates effort and quality of workmanship | <ul style="list-style-type: none"> Model represents invention idea Model includes details for visual understanding of invention's use Model demonstrates effort & quality of workmanship | <ul style="list-style-type: none"> Model does not represent invention idea Model does not include details for visual understanding of invention's use Model does not demonstrate effort & quality of workmanship |
| | 21-30 POINTS | 11-20 POINTS | 1-10 POINTS |

TO SCORE: Assign points which reflect the student's skill level for each of the categories: Meets a Need, Creativity & Presentation. Add the points to determine Inventor's score & associated Inventor level.

| CATEGORY | POINTS |
|---------------------|--------|
| MEETS A NEED | |
| CREATIVITY | |
| PRESENTATION | |
| TOTAL POINTS | |

| FINAL SCORE | | |
|-------------------|--------------|--|
| MASTER | 61-90 | |
| APPRENTICE | 31-60 | |
| NOVICE | 3-30 | |

This form is provided to help individual schools evaluate their student inventions prior to submission to the WNY Invention Convention.