



Portfolio Checklist

SCHOOL _____

TEAM _____

PORTFOLIO CHECK LIST (insert as index in your portfolio)

- | | |
|------|--------------------------------------------------------------------------------------------------------------------------------|
| Page | A detailed outline of each team member's participation in the production of the portfolio and planned production of the device |
| Page | At least three illustrations of the initial design concepts of possible device |
| Page | Materials used to build prototype from the Workshop Kit |
| Page | Description of the use of the principles of structural strength and stability |
| Page | Rationale used to decide on the type of fluid power used and where to place the piston-syringes |
| Page | Isometric drawing of the portion of the prototype used to grab the object |
| Page | An orthographic drawing showing dimensions and construction notes |
| Page | A list of alternative materials that would have been useful with reasons why they would have been so |
| Page | Evaluation of a prototype including conclusions from making it |



NFPA
Education and
Technology
Foundation