

Pugh Chart for Pedal Powered Washing Machine
Design Assignment 10

| Wt. | Criteria | Horiz. | Vertical | Tilted | Aerating | Piston | Maytag (Datum) |
|-----|------------------|--------|----------|--------|----------|--------|----------------|
| 2 | Cost | + | + | + | - | + | 0 |
| 2 | Clean | 0 | 0 | - | + | - | 0 |
| 2 | Water efficiency | + | 0 | + | - | 0 | 0 |
| 1 | Time | - | 0 | - | - | - | 0 |
| 1 | Gentleness | + | - | 0 | + | - | 0 |
| 3 | Power | + | 0 | + | - | - | 0 |
| 1 | Capacity | - | 0 | - | - | - | 0 |
| 1 | Bike Drive | + | 0 | + | - | - | 0 |
| 3 | Seals | + | 0 | + | - | + | 0 |
| 1 | Maintain | + | + | + | - | + | 0 |
| 1 | Durability | - | - | - | - | - | 0 |
| 2 | Complexity | - | 0 | - | - | + | 0 |

| | | | | | | | |
|---|-------------------|---|---|---|-----|----|---|
| 1 | Ease of Operation | - | 0 | + | 0 | - | 0 |
| 1 | Proven Technology | 0 | 0 | - | - | - | 0 |
| 1 | Manufacture Time | - | 0 | 0 | - | 0 | 0 |
| | Total | 7 | 1 | 4 | -15 | -4 | 0 |