

Desktop Fan Demonstration

ME 120

Team: _____

Students: _____

Structural Integrity

- All components are present _____
- Does not need human to hold in place _____
- Does not self-destruct while operating _____

Operation: Functional capabilities

- Propellor spins _____
- Direction of air stream oscillates _____
- User controls the fan speed _____
- Bonus: on/off button _____
- Bonus: User controls direction _____

Quality of implementation (bonus)

- | | | | | | | | |
|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------|--|
| | 1 | | | | | 5 (is better) | |
| Joining/assembly without tape or glue | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____ | |
| User input/controls | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____ | |
| Creative structure different from example | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____ | |
| Fit, finish, feel | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____ | |
| | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____ | |