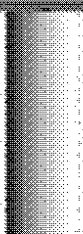


## **Blade Design**

### *Materials List*

- Pictures of different turbine designs (internet or handout)
- Hubs (KidWind Project)
- Dowels (1/4"X5") (KidWind Project or Home Depot etc)
- Pennies
- Styrofoam plates
- Pie tins
- Corrugated cardboard or plastic (use old boxes or political signs)
- Foam core
- Poster board
- Illustration board
- Duct tape
- Packing tape
- Blade template (NEED Exploring Wind Energy Teacher Guide)
- PVC wind turbine (build from Kid Wind Project lesson plan)
- 2 liter plastic bottles
- Scissors
- Balsa wood (hobby shop)
- Utility knife
- Easel, pad of paper, marker
- Fan (20" diameter or more)

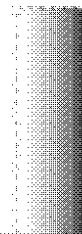


Attach dowel here  
with duct tape.

# Benchmark Blade Template

# Benchmark Blade Template

Attach dowel here  
with duct tape.



# What do wind turbines look like?



