

Wind**The Beaufort Scale**

<i>Wind force</i>	<i>Description</i>	<i>Speed</i>		<i>Specifications</i>
		<i>(kph)</i>	<i>(knots)</i>	
0	Calm	0	0	Smoke rises vertically.
1	Light Air	1–5	1–3	Direction shown by smoke drift but not by wind vanes.
2	Light Breeze	6–11	4–6	Wind felt on face; leaves rustle; wind vane moved by wind.
3	Gentle Breeze	12–19	7–10	Leaves and small twigs in constant motion; light flags extended.
4	Moderate Breeze	20–28	11–16	Raises dust and loose paper; small branches moved.
5	Fresh Breeze	29–38	17–21	Small trees in leaf begin to sway; crested wavelets form on inland waters.
6	Strong Breeze	38–49	22–27	Large branches in motion; whistling heard in telegraph wires; umbrellas used with difficulty.
7	Near Gale	50–61	28–33	Whole trees in motion; inconvenience felt when walking against the wind.
8	Gale	62–74	34–40	Twigs break off trees; generally impedes progress.
9	Strong Gale	75–88	41–47	Slight structural damage (chimney pots and slates removed).
10	Storm	89–102	48–55	Seldom experienced inland; trees uprooted; considerable structural damage.
11	Violent Storm	103–117	56–63	Very rarely experienced; accompanied by widespread damage.
12	Hurricane	118 plus	64 plus	Devastation.

Wind



Kite

Wind



Wind sock

Wind



Wind vane

Wind



Ventimeter

Wind testing

Name: _____

Record the effects of each way of making 'wind'.

	Hairdryer	Electric fan	Hand-held fan	Blowing
Paper				
Plant				
Hat				
Toy car				
Pencil				