

Recording the wind

This task is about reading the Beaufort scale of wind speed.

Beaufort Scale of Wind Speed

Force number	Wind km/h	Description	Visual Evidence
0	Under 1	calm	Smoke rises vertically.
1	1-5	light air	Smoke shows wind direction.
2	6-11	light breeze	Leaves rustle, wind felt on face.
3	12-19	gentle breeze	Small twigs move.
4	20-28	moderate breeze	Raises dust and paper, small branches move.
5	29-38	fresh breeze	Small trees sway.
6	39-49	strong breeze	Large branches move, whistling in telephone wires.
7	50-61	moderate gale	Large trees move.
8	62-74	gale	Twigs break from trees, walking is difficult.
9	75-88	strong gale	Tiles blow off roofs.
10	89-101	storm	Trees and overhead wires blow down.
11	102-120	violent storm	Widespread damage.
12	over 120	hurricane	Extreme damage.

a) Tanu kept a diary describing the wind. Select the Force Number from the Beaufort Scale to match his descriptions.

Day	Diary Entry	Force Number
Monday	It was a bit windy. We laughed at Paul when his chippie packet and postcard almost blew away!	<input type="text"/>
Tuesday	It was threatening to rain and even large branches of the trees were swaying. The leaves were blowing around.	<input type="text"/>
Wednesday	Auntie Sue's glasshouse was broken by a falling tree. It was scary!	<input type="text"/>
Thursday	The wind was calming down so we decided to make kites, but the wind was still too strong. It was difficult to walk around, even after lunch!	<input type="text"/>
Friday	The wind had almost gone. You could feel the wind on you, but it was too calm to fly kites.	<input type="text"/>

b) Why is it useful to have scales like the Beaufort Scale of Wind Speed?

