

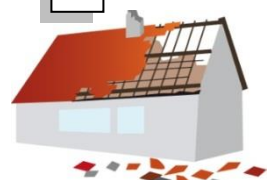



How strong is the wind?

The British admiral Sir Francis Beaufort observed the wind while sailing the seas. He created a scale for wind force in 1805 based on his observations. It was named after him, and it is still used today by weather forecasters (they are the people who research the weather, also called meteorologists). The scale applies both on land and at sea.














	Windstärke	Bezeichnung	
0	0	Calm	
	1	Light air	
	2	Light breeze	
	3	Gentle breeze	
	4	Moderate breeze	
	5	Fresh breeze	5
	6	Strong breeze	
8	7	Near gale	
	8	Gale	
	9	Severe gale	9
	10	Storm	
10	11	Violent Storm	
	12	Hurricane	12
			

Worksheet

Name: _____ Class: _____ Date: _____

Assignments

For each effect caused by the wind, write in the number of the corresponding wind force.

Wind force	Effect of the wind on land
	You can hear the wind whistling in telephone wires.
	Strong resistance when walking against the wind.
	Trees are uprooted.
	Leaves and twigs move.
	Severe damage to houses and plants in nature.
	Small leaf trees start to sway.
	Cars and roofs are blown away.
	Small branches move.
	No air movement, smoke rises vertically.
	Minor damage to roofs and houses, branches break off.
	Slight resistance when walking against the wind.
	Smoke blows in the direction of the wind.
	Wind can be felt in the face.

Select three wind forces and draw a suitable picture for it on the next page. Write the number of the wind force in the box provided.



For fast students: Search online to find out what effect the wind has on the sea according to the Beaufort wind force scale. Use the following link for this:

<http://www.spc.noaa.gov/faq/tornado/beaufort.html>

Worksheet

Name: _____ Class: _____ Date: _____

Some examples of effects of the wind

Wind force 	
Wind force 	
Wind force 