

Content package for interactive whiteboards: “Air, wind, and weather”

Current as of: April 08, 2016

For class

Experiments related to air

- Design and test a parachute
<http://www.sciencekids.co.nz/experiments/freefall.html>
- Science Fair Projects and Experiments: Experiments on the topic of air
<http://www.juliantrubin.com/fairprojects/physics/air.html>

History of aviation

Time line of aviation

<http://www.lilienthal-museum.de/olma/e5.htm>

Wind and weather

- NASA website adapted for children: How do hurricanes form?
<http://spaceplace.nasa.gov/hurricanes/en/>
- Hurricanes
<http://news.bbc.co.uk/2/hi/science/nature/4588149.stm>
- Comprehensive website about the weather and various weather phenomena
<http://www.weatherwizkids.com/>
- Beaufort wind scale – effects of wind on the sea (link for the work assignment in the information sheet “How strong is the wind?”) and on land
<http://www.spc.noaa.gov/fag/tornado/beaufort.html>

Environmental protection

- Information about air quality and harmful gases
<http://www.clean-air-kids.org.uk/airquality.html>
- Website designed for children on the topic: What is air pollution?
<http://www.epa.vic.gov.au/air/aq4kids/pollution.asp>

Background information for teachers

- Teaching materials and tips for teachers on the topic of air pollution
<http://www.dec.ny.gov/education/52185.html>
- Air Quality Index for Kids Teacher's Reference Page
<http://www.airnow.gov/index.cfm?action=aqikids.teachers>