

## Strange weather

### Worksheet

1. What is the weather? Do you know any of the elements of weather?  
Go to <http://www.econet.org.uk/weather/whatis.html> to find out.
2. Meteorologists predict the weather, it is a complicated and difficult process.  
Go to <http://www.metoffice.gov.uk/learning/science>  
[http://www.weatherquestions.com/How\\_are\\_weather\\_forecasts\\_made.htm](http://www.weatherquestions.com/How_are_weather_forecasts_made.htm)  
to find out how weather forecasts are made.
3. Sometimes the weather is difficult to predict. There have been many weather anomalies, some of them scary, some strange, and some amazing. Work in groups, read and prepare a short presentation for the class about those weather phenomena.

### Group One - CLOUDS

Go to <http://www.youtube.com/watch?v=FMagDRCpJ14>, make notes on four types of clouds.

Then watch the strangest clouds: <http://www.youtube.com/watch?v=v49RNXNzLTs>

### Group Two - RAIN

Watch a Met Office film and find out why it rains: <http://www.youtube.com/watch?v=dQJsJRNJOfl>.

Then watch a BBC report about raining fish <http://www.bbc.com/news/world-asia-27298939>.

### Group Three- RAINBOWS

Go to <http://www.cord.edu/faculty/manning/physics215/studentpages/genamahlen.html> and read what the rainbows are and how they occur in the sky.

Then go to <http://www.physics.org/article-questions.asp?id=58> to read about strange rainbow like circumzenithal arcs and double rainbows.

### Group four- WAVES

Go to <http://science.howstuffworks.com/environmental/earth/oceanography/wave-energy1.htm> and read how the waves are created and what wave energy is. Then go to

<http://abcnews.go.com/Travel/photos/china-beach-swamped-algae-turns-sea-green-19584557/image-19584608>

<http://www.bbc.com/news/uk-scotland-north-east-orkney-shetland-19716141> and find out how the waves can change our beaches and towns.

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4. In English there are many idiomatic expressions with weather words. Look at the sentences below, can you guess what they mean?
  - It never rains but it pours.
  - Every cloud has a silver lining.
  - He is always chasing rainbows.
  - She is very responsible and saves for a rainy day.
  - He passed the exam and is on cloud nine.
  - If he thinks he will get promoted he has his head in the clouds!
  - Please don't make waves, I don't want to fight tonight.