

ANSWERS

Sir David Attenborough 'Oceans: Weather Patterns' Quiz

This weeks quiz is based on the content in the David Attenborough short video about the oceans and weather patterns. You can watch this video again by clicking on the following link: <https://www.bbc.co.uk/bitesize/articles/zw7vtrd>

1. The oceans play a huge part in weather systems and *climate* on planet Earth.
2. During the long, hot Indian summer the sun heats up the *land* and the *ocean/water*.
3. Which warms faster? Land or water? *The land heats up faster.*
4. Why does warmer air rise? *Warmer air rises because it is less dense.*
5. Torrential rain falls in this part of Asia for how long? *Torrential rain falls for 3 months of the year.*
6. This weather system is called the *monsoon*.
7. During the monsoon, how much rain can fall in just one day? *During the monsoon, up to 1 metre of rain can fall in one day.*
8. Large raindrops can fall at approximately what speed? *Large raindrops can fall at a speed of around 20 miles per hour!*
9. What can happen if too much rain falls during the monsoon? *If too much rain falls during the monsoon, rivers overflow and towns/cities can be flooded.*
10. What is the name given to the people who study monsoon cycles using computer models and satellite data in space? *These people are called meteorologists.*