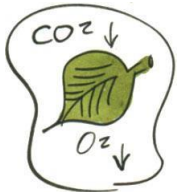


*John Muir, Earth - Planet, Universe: Pupil Activity Support Notes*

# ***As the Round Earth Rolls – The Lungs of the World***



Before you begin, look through the John Muir graphic novel and read *The Lungs of the World* section in which John Muir describes how:

*‘Trees are the lungs of the world. Our friends and protectors. No matter how times change, we must look after our forests. If we kill the trees, what will happen to us?’*

The aim of this activity is to find out why plants and trees are the ‘lungs of the world’ and are essential for the survival of all creatures, including humans.

You will begin this activity by watching a two-minute animation, created by Oregon Forest Resources Institute, which explains photosynthesis in a simple way.

Make any notes about what you find out about photosynthesis from the video here:

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Once you have watched this video, your task is to create a poster to explain how photosynthesis works and to encourage anyone reading your poster to recognise why the plants, trees and flowers we share this world with are so important. Your teacher will then show you a poster created by the Eden Project that explains how photosynthesis works. Check that you have included everything in your own poster and copy anything you have missed from the Eden Project poster onto yours.