



Oxygen : The Molecule That Made the World

By Lane Nick

Paperback. Book Condition: New. Not Signed; Description: Oxygen has had extraordinary effects on life. Three hundred million years ago, in Carboniferous times, dragonflies grew as big as seagulls, with wingspans of nearly a metre. Researchers claim they could have flown only if the air had contained more oxygen than today - probably as much as 35 per cent. Giant spiders, tree-ferns, marine rock formations and fossil charcoals all tell the same story. High oxygen levels may also explain the global firestorm that contributed to the demise of the dinosaurs after the asteroid impact. The strange and profound effects that oxygen has had on the evolution of life pose a riddle, which this book sets out to answer. Oxygen is a toxic gas. Divers breathing pure oxygen at depth suffer from convulsions and lung injury. Fruit flies raised at twice normal atmospheric levels of oxygen live half as long as their siblings. Reactive forms of oxygen, known as free radicals, are thought to cause ageing in people. Yet if atmospheric oxygen reached 35 per cent in the Carboniferous, why did it promote exuberant growth, instead of rapid ageing and death? Oxygen takes the reader on an enthralling journey, as gripping as a...



READ ONLINE
[3.47 MB]

Reviews

A fresh e-book with a brand new perspective. This is certainly for anyone who stante that there had not been a really worth reading. I am just happy to explain how this is the very best publication i have go through in my individual lifestyle and may be he best pdf for ever.

-- **Margarett Roob**

The very best publication i possibly study. This is certainly for anyone who stante there was not a worth looking at. I am just very happy to tell you that this is basically the best pdf i actually have study inside my individual life and could be he very best pdf for possibly.

-- **Darlene Blick**

You May Also Like



[Forest Fairytale Knits](#)

Paperback. Book Condition: New. Not Signed; Stephanie Dosen has quickly gained iconic status among knitters: her patterns readily sell out online, and she has been given feature coverage in both mainstream and knitting magazines, including Handmade Living and Simply Knitting. Today's avid,...



[Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird](#)

Paperback. Book Condition: New. Not Signed; This is a Tinga Tinga tale inspired by traditional stories from Africa. Lion is king of Tinga Tinga but he can't roar! Can his friend Flea help Lion to find his roar and behave more like...



[The Kid](#)

Paperback. Book Condition: New. Not Signed; Winky thought he'd seen everything in Wyoming Territory: rustlers, hangings, shoot-outs, cattle standing frozen stiff in the snow. Then into town one lazy day rode a long-haired kid and a colossal African mute. They were met...



[First Fairy Tales](#)

Board book. Book Condition: New. Not Signed; This is a traditional story that is retold in rhyme in this chunky padded boardbook. When a couple of tailors offer to make a suit from material so wondrous that only clever people can see...



[The Princess and the Frog - Read it Yourself with Ladybird](#)

Paperback. Book Condition: New. Not Signed; A kind frog helps a princess and she makes him a promise. What happens when the king tells her that she has keep her promise? Read it yourself with Ladybird is one of Ladybird's best-selling reading...



[NIV Soul Survivor New Testament in One Year](#)

Paperback. Book Condition: New. Not Signed; 'The whole Bible, in just one year? You've got to be kidding.' Don't panic! How about just the New Testament to start off with? Take thousands of young people all committed to reading the word together...