

<<科学读本>>

图书基本信息

书名：<<科学读本>>

13位ISBN编号：9787201081007

10位ISBN编号：7201081004

出版时间：2013-5

出版时间：天津人民出版社

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## 前言

This series of Reading Books was published for the use of teachers and students in. It will be found useful, not only in those schools in which Elementary Science is taken as a class subject, but also for the purposes of an ordinary reader. Of this series of Science Readers, Books I, II, and III are adapted to pupils who are in their third and fourth years of school work. Both the reading and the subject matter of Books IV, V, and VI are suitable for Senior Grades. In the first lesson of the First Reader we are introduced to three children, who amuse themselves in this way over the favorite lesson of the day. They deal with each subject as it comes, in their own simple language, missing no point of importance, and quoting the words and advice of their teacher; and it is hoped that the young readers who follow them through these lessons will catch something of the enthusiasm and earnestness which characterize them as they advance step by step from very small beginnings to a real understanding of the elementary facts of natural science. At the end of each of the first three volumes will be found a short summary of the lesson. This is a helpful feature. The teacher who reads this carefully, then the reading lesson itself, will secure both the needful knowledge and valuable suggestions for a successful method of imparting it. All the lessons bearing on Physics should thus be prepared, but many of the others may be successfully used as reading, pure and simple, making them vivid to the children by showing them living illustrations. Many of these can be easily secured for the asking from wholesale grocery houses and manufacturing establishments, while others must be bought or collected by the teacher herself. Tea, the various stages in the preparation of the coffee berry and of cocoa, palm oil fruit, coconuts in their natural state, crude rubber, camphor, resin, turpentine, tar, pitch, cotton balls, crude wool, are some of the things illustrating these lessons which can be secured at small expense. When once obtained, they should be labeled and made a part of a permanent collection. L. L. W. WILSON Philadelphia Normal School

## &lt;&lt;科学读本&gt;&gt;

## 内容概要

《科学读本(英文原版)(套装共6册)》包括：《科学读本1》至《科学读本6》6册，以一位名为威尔逊的教授与3位学生为主角，通过对各种事物与科学知识和原理的讨论，系统讲述了孩子们身边随时可见的事物与现象原理。

以激发孩子们对科学的兴趣与爱好。  
这比死记知识，大量解题要实用得多。

《科学读本(英文原版)(套装共6册)》对中国学生而言，这又是另一习得英语的良好途径，尤其对那些准备出国学习的孩子们，《科学读本》的阅读学习，对他们继续国外课程的学业定有很大帮助。

比起文学与文史题材的英语读本，科学英语更容易让孩子们理解与学习。

一是其讲述内容均为我们身边熟悉的万事万物，容易联想记忆；二是科技英语的语法、句子结构相对简单，比文学语言更简洁清晰，易于理解。

相信会得到孩子们的喜欢。

大致来讲，《科学读本(英文原版)(套装共6册)》适合初中以上的学生阅读。

英文程度较好的小学生，也可以从第一册开始。

提供全书配套朗读文件免费下载，在学习科学知识的同时，更好地练习听读能力。

海报：



## 书籍目录

《科学读本1》目录：Water Water-A Liquid Solids Liquids and Solids The Cat More about the Cat Hard and Soft Bodies Porous Bodies The Dog Dogs A, Piece of Clay Clay-Its Uses ( ) Clay-Its Uses ( ) The Cat's Big Cousins-The Lion The Cat's Big Cousins-The Tiger Wolves and Foxes A Piece of Putty Puffy-What it is Gutta-Percha A Piece of Salt The Sheep Solt The Pig Rock-Salt-Table Salt A Plant Sugar The Root of a Plant Loaf Sugar The Root and its Work About Burning The Stems of Plants Coal ( ) Coal ( ) Leaves Coal-The Mine The Mine and the Miners More about Leaves More about the Mine Flowers What we mean by Elastic 《科学读本2》目录：Porous Bodies Sponge-and its Uses The Sponge Filters The Poor Man's Filter Soluble Soluble Substances Starch What Starch is Starch for Food Soluble and Insoluble Soap Corn Kinds of Corn Adhesive Cements Wheat and Rice Fusible Maize About Metals Some More about Metals Tron Ore Iron The Cow Cast-Iron Milk, Buffer, Cheese Wrought Iron The Horse Steel The Rabbif Copper The Rabbit at Home Lead The Monkey Tin Three Classes of Monkeys Zinc The Mole Silver Gold 《科学读本3》目录：Water- Its Properties Some of the Uses of Water Birds and their Covering A Feather The Uses of Feathers Water as a Solvent Further Uses of Water Birds Water in other Forms Vapor in the Air Birds and their Beaks More about Beaks Vapor-What Becomes of It Clouds, Rain, Dew Birds-Their Legs and Feet Birds-More about Legs and Feet Solid Water Ice, Hail, and Snow A Snake How the Snake Feeds Mercury The Poisonous Snakes The Non-Poisonous Snakes Mercury-Its Preparation and Uses The Frog Air More about the Frog More about the Air The Frog and the Toad compared Gases The Frog-Its Life History Coal-Gas A Fish More about Coal-Gas More about the Fish Balloons How The Fish Moves Tar The Fish and its Food Paraffin Oil An Insect Carbonic Acid Gas More about Insects More about Carbonic Acid Gas LiFe History of an Insect Parts of a Plant The Spider The Vital Organs of the Plant The Spider's Web Parts of a Flower More about the Flowers The Flower and its Work Seeds Seedlings The Seed-Leaves The Single Seed-LeaF The Bark Kinds of Bass Flax Linen-Making ..... 《科学读本4》 《科学读本5》 《科学读本6》

## 章节摘录

版权页：插图： "Yes, it is," said Fred, "I will mold it into a little cup, just as teacher did this morning. "What was it that made the clay pliable?" "Water," said Norah. "What makes putty pliable?" "The linseed oil." "Quite right," said Fred. "Now we have got a new substance-gutta-percha, that is made pliable by heat." "And now," added Willie, "Norah knows why she must not put her boots, with gutta-percha soles, near the fire. The soles would get soft with the heat of the fire, and break away" "Let us look," said Fred, "at our little cup. See, it is cold, and quite hard once more. It is not pliable now. "Look again, while I fill the cup with water. None of the water runs through. Gutta-percha is water-proof." "Yes," said Will, "that is why it is so useful for boots. It keeps our feet dry." Lesson 20 A Piece of Salt "Fred, you might let me be teacher to-night," said Willie. "I want to talk about salt." "All right, mate," said Fred, "and I'll go and ask mother for a lump of salt." Fred was soon back with the things that were wanted. "Now, Norah," said Will, "I want you to put a piece of the salt in the water. That's right. Now stir the water. "Where is the salt? Can you see it?" "No," said Norah, "I cannot see it, but I am sure I put it in the water." "Put another piece in and try again," said Will. "Can you see the salt now?" "No, I cannot see it now," said Norah. "What has become of it? Has it melted, Willie?" "Ah," said Will, with a knowing smile, "I thought you would ask that. Now just tell me what you saw, when I put the piece of wax in the spoon, and held it over the fire."

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### 编辑推荐

《科学读本(英文原版)(套装共6册)》是国内第一套适合中小学生学习的全英文版《科学读本》，曾作为美国和英国学校科学教材的读本，如一套万物简史，让孩子们认识和了解宇宙万物及其规律，激发孩子们对科学知识的兴趣与探索。  
兴趣，或许比让孩子们解出多少道难题、多得一点分数更加重要！

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