What is DNA? A Biology Adventure

Transnational College of LEX
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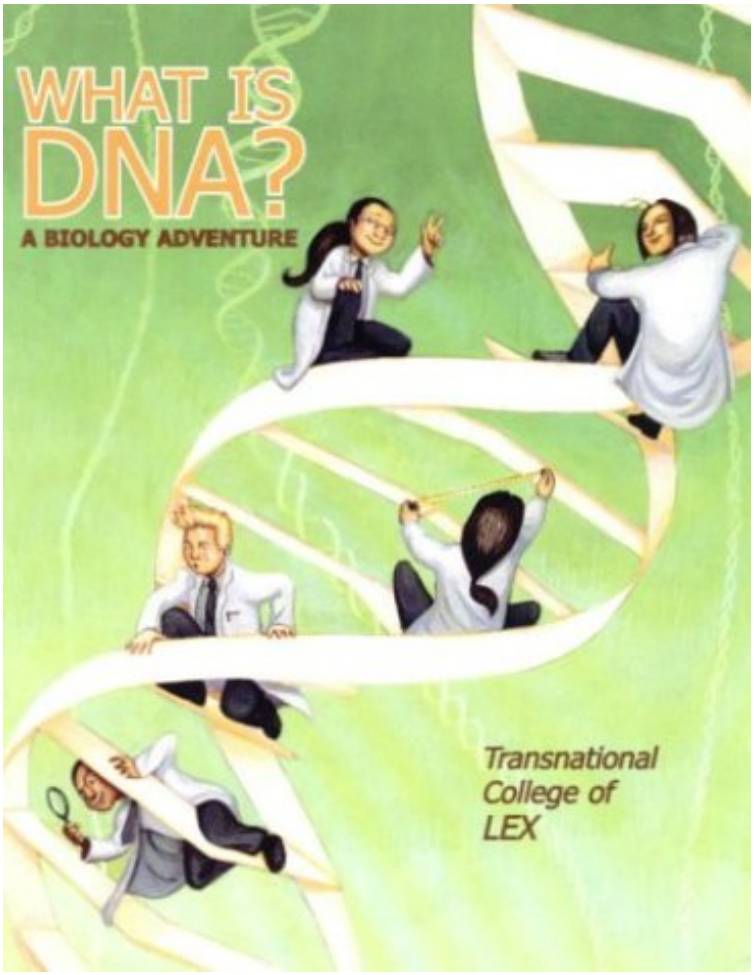

#1276337 in Books 2003-04-01Original language:EnglishPDF # 1 10.50 x 8.50 x 1.25l, #File Name: 0964350424597 pages | File size: 60.Mb

Transnational College of LEX : What is DNA? A Biology Adventure before purchasing it in order to gage whether or not it would be worth my time, and all praised What is DNA? A Biology Adventure:

21 of 24 people found the following review helpful. Actually 3.75 Stars...By MitchThis book answered many long-standing questions for me.It is a nice, friendly introduction to the basics of DNA...and also cell biology. I would recommend it to anyone who wants to learn about such things. (I would recommend any of the three TCL books I've read as excellent introductions to their respective topics.)However, the authors of this particular book also inject a lot of their own particular philosophy of knowledge. This philosophy attempts to view everything as a Language.This is an appealing notion, actually, but I found the attempts to draw convincing analogies between various disciplines to be less than compelling. Interesting, yes, but not entirely convincing. And because the analogies were less than entirely convincing, I found them to be a distraction from my original purpose in buying this book: to learn a little about DNA.(And, in case any TCL'er is listening, I would suggest an exploration of Godel's Theorem as a worthy topic. I bet

you could make this important idea accessible, too.)0 of 0 people found the following review helpful. very nice book !!By Houtan Siasivery nice book !!22 of 23 people found the following review helpful. Is "What is DNA?" answered"By Joseph HilbeThe book is an excellent overview of DNA theory, including rather substantive discussion of evolution and overviews of issues related to protein synthesis and cell physiology. For these areas alone the book is worth buying and reading.The book also discusses somewhat interesting linguistic models that the author relates to cell biology. For those interested in such matters, it can be an interesting read. For those who have little use for this line of reasoning, these areas of discussion can be skipped, or skimmed. I recommend, however, that they be read, but with a skeptical mind.The discussion of DNA, RNA, cell biology, and evolution are very well presented.

In their humorous and abundantly illustrated style, the students at the LEX research institute in Tokyo share the fascinating story of DNA, genetics, and evolution in a format that makes scientific information readily digestible to the casual reader while retaining all of the accuracy and detail an experienced scientist would expect.Dr. Yoichiro Nambu, 2008 Nobel Prize Winner in Physics, served as a senior adviser to the student authors at the Transnational College of LEX on their journey of discovery.

From the PublisherThis book adds an exciting new dimension to our natural science series. In addition to biological concepts, it offers stimulating thoughts about the role of language in evolution.From the AuthorWe owe a tremendous debt of gratitude to all the people who helped make this book a reality. Unlike our previous two efforts about Fourier mathematics and quantum mechanics, What Is DNA? explores a field of science that is still evolving. That is a big part of what makes our DNA adventure such a bold one. In this book we have attempted to explore, and find the connections between, two of the great themes that humanity will be grappling with over the next century: life and language.From the Inside FlapIn this engaging addition to their critically acclaimed natural science series, the student authors at Tokyo's Transnational College of LEX explore one of the most fascinating and rapidly changing fields in science today: molecular biology. With the humorous and abundantly illustrated style that is their hallmark, the LEX students quickly draw the reader into an adventure that is both educational and fun! Curious minds of all ages will find the authors' enthusiasm contagious as they tell the remarkable story of DNA, genetics, and evolution, uncovering the secrets of the human organism and human language along the way. "I highly recommend What Is DNA? to anyone with an interest in the fundamentals of molecular biology. The book's uniquely personal approach to learning carefully guides the reader through otherwise difficult areas in DNA replication, protein synthesis, and evolutionary cell biology. If you want to get a solid basic understanding of genes and the role they play in our lives, then this is the book for you." Joseph M. Hilbe, Ph.D., biostatistical consultant and CEO, National Health Economics and Research "This textbook is billed as 'a DNA adventure', and I find it a very fitting description. Because the readers actually go through the same thought process as the writers in coming up with answers to their questions, it is more likely that the readers will retain the knowledge and make use of it for the rest of their lives. Despite the appearance of casualness, the scientific content of the book is accurate and up to date. I wish I had this book when I first studied genetics." Machi F. Dilworth, biochemist, Ph.D. UCLA "What Is DNA? has a charm and excitement that makes it great fun to read, and by reading it I have gained a new appreciation of the process of science and the tremendous advances made in the relatively new science of molecular biology. I recommend it to both newcomers to this science, and to enthusiasts as well." R. Howard Berg, Ph.D., plant biologist, Donald Danforth Plant Science Center