

# Science Questions And Answers For 7th Graders

This fun and friendly science book for kids poses 100 real-life questions from kids to Robert Winston on every aspect of science. Professor Robert Winston was inspired to write this kid's book by the many questions posed by his grandchildren and school children he has met over the years. Perfect for those who always have another "why?", Ask a Scientist injects fascinating fun into science for kids. The inside of this book is packed with real questions that real children are asking. These questions have piled in from every corner of the world including the USA, Canada, the UK, Ireland, Europe, India, China, and Japan. DK received a phenomenal number of responses from the survey they sent out, coming back with so many great questions to choose from! The questions were carefully selected to cover the main science topics. From chemistry, physics and the human body, to all about the Earth, space, and the science of nature. They are fun, engaging, and, dare we say include some wonderfully weird questions that many adults wouldn't dream of asking. Ask A Scientist focuses squarely on kids - what they want to know and how best to give them the right answer. We think you'll find a lot of the questions in this educational book will sound familiar and the format really lends itself to engaging young readers with just the right amount of detail. It's also brimming with illustrations that do a fabulous job of informing the content. Science can be a tricky subject for

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kids and this children's book truly gets a fresh perspective on it through a child's eyes. Full of fun facts about the world of science, it's the perfect book for kids who dream up infinite why's about the world around them. What's wonderful about how it's written, is that it highlights the flexibility of science and how not knowing something strengthens its foundations. By creating a book from questions, it shows children how science always has more to answer. Ask The Questions - Find The Answers! Kids from all around the world have sent us their most pressing, and sometimes outlandish, questions. Professor and TV personality Robert Winston is here to answer them in this fun, friendly and accessible kid's science book. Why is the sky blue? Do Aliens exist? How do fish see at night? Find the answers to these questions and more covering a range of topics like: - Chemistry - Space - The Human Body - Earth - Physics - Natural Science

Lift the over 60 flaps in this book to discover the answers to questions that every child asks: when, how, where, who, why, which, and what!

Provides an introduction to light, including its components, forms, and movement, as well as humans' perception of light.

What are the great scientific questions of our modern age and why don't we know the answers? This volume takes on the most fascinating and pressing mysteries we have yet to crack and explains how tantalizingly close science is to solving them (or how frustratingly out of reach they remain).

The Psalmist declares in Psalm 11:3, "If the foundations

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are destroyed, what can the righteous do?" There has been a foundational shift in our culture from God's Word as the authority to man's. Here is a resource to help clearly and vividly demonstrate truth to those seeking to better understand and for those who have been misled by secular voices claiming to be the voice of reason. Within this book you will find mini answers to help people better understand some of these big issues. Don't have time to read a big manual? Get your answers fast to touch questions with an info graphic style book. Why do Bible-believers believe creation? Could Noah hold all those animals on the Ark? What is evolution and where did it come from?

7th Grade Science Multiple Choice Questions and Answers (MCQs): Quizzes & Practice Tests with Answer Key PDF (Grade 7 Science Worksheets & Quick Study Guide) covers exam review worksheets for problem solving with 2300 solved MCQs. "7th Grade Science MCQ" with answers covers basic concepts, theory and analytical assessment tests. "7th Grade Science Quiz" PDF book helps to practice test questions from exam prep notes. 7th Grade Science Multiple Choice Questions and Answers PDF download, a book covers solved quiz questions and answers on chapters: Atoms and atom model, atoms molecules and ions, digestive system, dispersion of light, electric circuits, electrical circuits and electric currents, elements and compounds, energy resources: science, feeding relationships and environment, forces effects, heat transfer, human transport system, importance of water, investigating space, mixtures, particle model of matter, physical and

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chemical changes, reproduction in plants, respiration and food energy, simple chemical reactions, solar system, solutions, sound waves, transportation in plants workbook for middle school exam's papers. "7th Grade Science Quiz Questions and Answers" PDF download with free sample test covers beginner's questions and mock tests with exam workbook answer key. 7th grade science MCQs book, a quick study guide from textbooks and lecture notes provides exam practice tests. "7th Grade Science Worksheets" PDF with answers covers exercise problems solving in self-assessment workbook from science textbooks with following worksheets:

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insulators, current and energy, earth wires, electric motors, electric resistance, electrical circuits and currents, electrical safety, electrical voltage, electricity billing, electrolysis, electrolytes, fuses and circuit breakers, heat and light: resistance, magnetic effect and electric current, resistors, series and parallel circuits, simple circuits, and uses of electromagnets. Practice Elements and Compounds MCQ PDF with answers to solve MCQ test questions: Compound formation, elements classification, properties of compound, uses of elements, what is compound, and what is element. Practice Energy Resources: Science MCQ PDF with answers to solve MCQ test questions: Fossil fuels, fuels and energy, how do living things use energy, and renewable energy resources. Practice Feeding Relationships and Environment MCQ PDF with answers to solve MCQ test questions: Adaptations to habitats, changing habitats, dependence of living things, energy transfers, feeding relationships and environment, food chains and food webs. Practice Forces Effects MCQ PDF with answers to solve MCQ test questions: Force measurement, frictional force, gravitational force and weight, upthrust and density, and what is force. Practice Heat Transfer MCQ PDF with answers to solve MCQ test questions: Applications of heat, convection current and weather, heat and temperature, heat transfer and convection, radiation and greenhouse effect, radiation and heat transfer, saving heat, and thermography. Practice Human Transport System MCQ PDF with answers to solve MCQ test questions: Arteries veins and capillaries, blood circulation, heart function, human heart,

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Grdankl the Strong, president of Kprshtskan, is plotting to take over the American government. His plan is to infiltrate the science fair at Hubble Middle School, located in a Maryland suburb just outside Washington.



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The rich kids at Hubble cheat by buying their projects every year, and Grdankl's cronies should have no problem selling them his government-corrupting software. But this year, Toby Harbinger, a regular kid with Discount Warehouse shoes, is determined to win the \$5,000 prize-even if he has to go up against terrorists to do it. With the help of his best friends, Tamara and Micah, Toby takes on Assistant Principal Paul Parmit, aka "The Armpit", a laser-eyed stuffed owl, and two eBay buyers named Darth and the Wookiee who seem to think that the Harrison-Ford-signed BlasTech DL-44 blaster Toby sold them is a counterfeit. What transpires is a hilarious adventure filled with mystery, suspense, and levitating frogs.

Here you'll find entertaining and expansive answers to 111 questions you didn't even know you had, such as: What color is my brain? Which is the deadliest snake? How high do birds fly? Is Jell-O really made from horse hooves? The wide-ranging questions and answers will make readers eager to learn more.

Why is glass transparent? Why do cats purr? Why do men have nipples? These are but a handful of the thousands of questions that over the years have been asked and answered in The New York Times "Science Q&A" column. At last, the best and most interesting questions-and their replies-have been collected in a book for general readers. From wild animals to outdoor vegetation, from the human body to the heavens above, The New York Times Book of Science Questions and Answers takes readers on a thoroughly entertaining and informative journey through the world we live in. Like

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David Feldman's bestselling books *Do Penguins Have Knees?* and *Why Do Clocks Run Clockwise?*, this is science at its fun-filled best. Featuring answers from a wide variety of leaders across the country in scientific research and education, and illustrated by the delightful drawings of Victoria Roberts, *The Times Q&A* column is one of the best read features in the *Science Times*, which is one of the most popular sections of the newspaper. With a daily circulation of 1.2 million people, *The New York Times* is a leader in conveying scientific information to the general public. This fact-filled handbook for the scientifically curious should prove invaluable as a family reference book, as a classroom resource, as an entertaining subway diversion, and even as a supplement to public libraries' Frequently Asked Questions lists.

Provides an introduction to the composition of matter, its changing states, and the effects of changing between states.

The instant *New York Times* bestselling book of entertaining, irreverent, and totally accessible illustrated answers to the scientific “questions you had no idea were bugging you all your life” (*Fast Company*), from the creators of the wildly popular YouTube channel *AsapSCIENCE*. Why do we get hung over? What would happen if you stopped sleeping? Is binge-watching TV actually bad for you? Why should I take a power nap? In their first-ever book, Mitchell Moffit and Greg Brown, the geniuses behind the YouTube channel *AsapSCIENCE*, explain the true science of how things work in their trademark hilarious and fascinating fashion. Applying the

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fun, illustrated format of their addictive videos to topics ranging from brain freeze to hiccups to the science of the snooze button, AsapSCIENCE takes the underpinnings of biology, chemistry, physics, and other hard sciences and applies them to everyday life through quirky and relatable examples that will appeal to both science nerds and those who didn't exactly ace chemistry. This is the science that people actually want to learn, shared in a friendly, engaging style. "Science is big fun. The ASAP guys get that, and they'll show you—they'll even draw you a diagram" (Bill Nye, "The Science Guy"). And amid the humor is great information and cocktail conversation fodder, all thoughtfully presented. Whether you're a total newbie or the next Albert Einstein, this guide is sure to educate and entertain...ASAP.

A comprehensive illustrated exploration of the fascinating science of color Arielle and Joann Eckstut, authors of *The Secret Language of Color*, offer a thorough, readable, and highly visual exploration of the science of color. Organized by 50 of the most essential questions about color across a variety of fields—physics, chemistry, biology, technology, and psychology—this book examines how and why we see color; how color relates to light; what the real primary colors are; how biology, language, and culture affect the colors that we see; and much more. Full of clear and elegant infographics, *What Is Color?* is a must-have for artists and designers, scientists, students, and decorators, and anyone else whose work or play involves color.

Basic aim of this book is to help school students of secondary or higher secondary schools (Xth or XIIth).

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The idea is to create their interests in science and to present difficult scientific topics in interesting and easy to understand manner. Generally students find scientific topics so hard that they soon lose their interests and avoid the subject. The same kind of difficulties they face in various competitions and interviews. With the help of this book they can enhance their knowledge and confidence. Every topic has been dealt with in such a way that even a lay reader could understand the subject through many short questions-answers. If you want to increase your knowledge and understanding of Science, you must read this book. You can also check your general knowledge about all the scientific topics. Filled with fascinating scientific information and facts, this book is highly beneficial for both students and general readers. And more, the answers to all of your general trivia challenges are there. Hundreds of questions on a variety of related topics, this book has Quiz Books/Puzzles/Brain Teasers on all the topics related to Science, that will both educate and entertain you. And lots of other knowledge and information -- things you knew, didn't know (and thought you knew but didn't!) You'll never have a dull moment with this extraordinary compendium of fascinating facts, interesting information, and tantalizing trivia. If you're even remotely interested in Quiz Books/Puzzles/Brain Teasers shows, this book will transport you to exhilarating heights. But you don't have to be a Quiz Books/Puzzles/Brain Teasers buff to take pleasure from it. If you are one that marvels at the remarkable world around us, then you are sure to enjoy going through the pages of this mind-bending eye-

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opener. This exciting trivia book is packed with enough Quiz Books/Puzzles/Brain Teasers, lists, and definitions to please even the most ardent trivia buff. Plus, there are many brief descriptions and details to give insight into how things work or a phenomena is explained. The fascinating world of science is revealed in different light before you. Read and enjoy it.

From the function of earwax to why woodpeckers do not damage their brains and the truth about spontaneous human combustion, a compendium answers 225 inquiries into everyday science mysteries.

Grade level: 5, 6, 7, 8, 9, e, i, s.

Offers questions and answers about topics including why cats' eyes shine in the dark, why the sky is blue, why peaches are fuzzy, how bees make honey, why soap is slippery, and why some people bring their own bags to the supermarket.

Grade 3 Science Questions and Answers for Kids Quiz, MCQs & Practice Tests with Answer Key provides mock tests for competitive exams to solve 300 MCQs. "Grade 3 Science MCQ" with answers helps with theoretical, conceptual, and analytical study for self-assessment, career tests. Grade 3 Science Quizzes, a quick study guide can help to learn and practice questions for placement test preparation. Grade 3 Science Questions and Answers is a revision guide with a collection of trivia quiz questions and answers on topics: air, earth and moon, force, gravity, heat, matter, other sources of heat and light, sun, water, what is alive to enhance teaching and learning. Grade 3 Science Quiz Questions and Answers also covers the syllabus of many competitive papers for admission exams of different schools from science textbooks on chapters: Air MCQs: 22 Multiple Choice Questions Earth

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and Moon MCQs: 47 Multiple Choice Questions Force MCQs: 36 Multiple Choice Questions Gravity MCQs: 33 Multiple Choice Questions Heat MCQs: 19 Multiple Choice Questions Matter MCQs: 19 Multiple Choice Questions Other Sources of Heat and Light MCQs: 19 Multiple Choice Questions Sun MCQs: 21 Multiple Choice Questions Water MCQs: 15 Multiple Choice Questions What is Alive MCQs: 68 Multiple Choice Questions Air MCQs: It covers quiz questions about air particles, air pressure, anemometer, atmosphere, breathing, carbon dioxide, exchange of gases, gases, hurricane, importance of oxygen, oxygen, temperature of air, warm air, and wind vane. Earth and Moon MCQs: It covers quiz questions about an orbit, appearance of earth and moon, appearance of stars, brightness of moon, brightness of sun, craters, description of moon, disappearance of sun, earth's rotation, glowing of moon, how life would be like without sun, moon's surface, movement of earth, reflection of sunlight, rotation, rotation of earth, rotation of moon, rotation of sun, shape of earth, shape of sun, size of moon, solar system, sun's light, sun's superpower, sunlight, and sunset. Force MCQs: It covers quiz questions about a force, an activity, direction, distance, force, force and mass, force and motion simulation, forces, gravity, heavy objects, kinds of energy, light object, motion, push and pull, simple machine, speed, weight, what other forces can move an object. Gravity MCQs: It covers quiz questions about air resistance, direction, force, forward motion, friction, gravity, less surface area, mass, mass and work, motion, pulling force of gravity, speed, weight, weight and mass, and working against gravity. Heat MCQs: It covers quiz questions about body temperature, electrical heat and light, electrical machines, friction, heating process, importance of heat, kinds of energy, lubricant, machines, measurement of heat, mechanical energy, mechanical heat, molecules, non-lubricated, solar energy,

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source of heat, state of substance, thermometer, tools for producing mechanical energy, and work. Matter MCQs: It covers quiz questions about gaseous molecules, gases, liquid, liquid state, matter, molecules and movement, shape of solid, solid, solid-state, and state of matter. Other Sources of Heat and Light MCQs: It covers quiz questions about body temperature, electrical heat and light, electrical machines, friction, lubricant, machines, mechanical energy, mechanical heat, non-lubricated, solar energy, and tools for producing mechanical energy. Sun MCQs: It covers quiz questions about body temperature, environment, sun as a source of heat and light. Water MCQs: It covers quiz questions about crystals, fog, water forms, groundwater, spring, state of water, vapors, and well. What is Alive MCQs: It covers quiz questions about adapt, aquarium, desert, environment.

The creator of the incredibly popular webcomic xkcd presents his heavily researched answers to his fans' oddest questions, including "What if I took a swim in a spent-nuclear-fuel pool?" and "Could you build a jetpack using downward-firing machine guns?" 100,000 first printing.

Curious Questions and Answers About Science takes a sideways look at all that is wild, wonderful and downright weird about science. Mind-boggling questions and answers, fresh, quirky illustrations will appeal to children. Find out how super body cells attack germs, what made the loudest sound ever heard, and how many stars there are in the known universe.

"Science Quiz questions and Answers book" helps with fundamental concepts, analytical, and theoretical learning for self-assessment study skills. a quick study guide can help to learn and practice questions for placement test. science quiz book is a revision guide with a collection of trivia quiz questions and answers on topics: Air, earth and moon, force, gravity, heat, matter, other sources of heat and light, sun,

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water, what is alive for teaching and learning. Science Quiz questions and Answers book cover competitive exam questions, certification exam quiz answers, and career tests prep from science textbooks on chapters: Air Earth and Moon Force Gravity Heat Matter Animals Sun Water What is Alive Looking for trivia books filled with fun facts and trivia questions and answers? Answers to Questions You've Never Asked will entertain you for hours. Fun facts for kids of all ages: When you take the most absurd parts of history, science, economics and geography, you end up with a pretty confusing picture of humanity. Why do we have borders, what's the furthest you can get from the ocean, how do you qualify as a country and why did Vikings wear those silly helmets? These are just a few of the strange questions that bounce around the head of YouTube sensation Joseph Pienti, aka RealLifeLore. Trivia questions and answers: In his channel, Pienti presents illogical truths in a logical manner. In his debut book, Pienti builds on this nonsensical humor of the universe with in-depth analysis of empires, economies, and ecosystems as he helps answer the ridiculous. Why, you ask? Because someone has to. Using line drawings, graphs and charts, Pienti not only details the absurd, but he also provides explanations on why things are...and why they aren't. Answers to: • Where can I move to so that I'm never tempted by McDonalds again? • How far into the Pacific does Trump's wall stretch? • If Plato came back to life, what would he think of modern democracy? • Why do all empires fail? • Who decides what countries are allowed to participate in the Olympics? • What makes Finland so great? Witty, thought-provoking and occasionally snarky, Answers to Questions You've Never Asked is for anyone who beams with curiosity and has a belly-button. Stephen Hawking was recognized as one of the greatest minds of our time and a figure of inspiration after defying his



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ALS diagnosis at age twenty-one. He is known for both his breakthroughs in theoretical physics as well as his ability to make complex concepts accessible for all, and was beloved for his mischievous sense of humor. At the time of his death, Hawking was working on a final project: a book compiling his answers to the "big" questions that he was so often posed--questions that ranged beyond his academic field. Within these pages, he provides his personal views on our biggest challenges as a human race, and where we, as a planet, are heading next. Each section will be introduced by a leading thinker offering his or her own insight into Professor Hawking's contribution to our understanding. The book will also feature a foreword from Academy Award winning actor Eddie Redmayne, who portrayed Hawking in the film *The Theory of Everything*, and an afterword by Hawking's daughter, Lucy Hawking, as well as personal photographs and additional archival material.

Science is a wide-ranging and fascinating subject and a key part of the school curriculum. This handy reference guide uses a question and answer format to explore a variety of topics - from what happens when lightning strikes to who named the planet Pluto, *Tell Me About Science* explores the all-important workings of the world around us and how it came to be. Children can indulge their curious sides with this easy to use book that covers biology, chemistry and physics as well as the environment, technology and space. Find out when the first telescope was built, why the Wright brothers are remembered and how nuclear weapons work; with a different question on each page, this book will keep children satisfied for hours at a time and help them stay ahead of the game at school.

This delightful book explores all kinds of questions that young children ask. Lift the flaps to discover who, what, when, where, how, which, and why.

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"An illustrated, popular science reader for any age."--

Here's what you get in this book: - 300 practice questions and answers spanning the breadth of topics under the data science umbrella - Covers statistics, machine learning, SQL, NoSQL, Hadoop and bioinformatics - Emphasis on real-world application with a chapter on Python libraries for machine learning - Focus on the most frequently asked interview questions. Avoid information overload - Compact format: easy to read, easy to carry, so you can study on-the-go Now, you finally have what you need to crush your data science interview, and land that dream job. About The Author Zack Austin has been building large scale enterprise systems for clients in the media, telecom, financial services and publishing since 2001. He is based in New York City. An appealing, lift-the-flap book that answers children's questions about science in an accessible, fun way. Inspired by the sort of questions young children ask, this is a great book to dip in and out of, with lots of quirky and interesting facts.

Fun and fascinating science is everywhere, and it's a cinch to learn—just ask a science teacher! We've all grown so used to living in a world filled with wonders that we sometimes forget to wonder about them: What creates the wind? Do fish sleep? Why do we blink? These are common phenomena, but it's a rare person who really knows the answers—do you? All too often, the explanations remain shrouded in mystery—or behind a haze of technical language. For those of us who should have raised our hands in science class but didn't, Larry Scheckel comes to the rescue. An award-winning science teacher and longtime columnist for his local newspaper, Scheckel is a master explainer with a trove of knowledge. Just ask the students and devoted readers who have spent years trying to stump him! In *Ask a Science Teacher*, Scheckel collects 250 of his favorite Q&As. Like the

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best teachers, he writes so that kids can understand, but he doesn't water things down—he'll satisfy even the most inquisitive minds. Topics include: •The Human Body •Earth Science •Astronomy •Chemistry Physics •Technology •Zoology •Music and conundrums that don't fit into any category With refreshingly uncomplicated explanations, Ask a Science Teacher is sure to resolve the everyday mysteries you've always wondered about. You'll learn how planes really fly, why the Earth is round, how microwaves heat food, and much more—before you know it, all your friends will be asking you!

Why does popcorn pop? What makes you hiccup? Why do zebras have stripes? The answers to these and many other baffling questions can be found in this fact-packed book. Topics include: • Brilliant Body • Wacky World • Amazing Animals • Fantastic Forces • Potty Plants • Super Space Presented in a Q&A format, the clear explanations will help readers build up their scientific knowledge and make sense of the weird and wonderful world around them. Perfect for kids aged 8+.

Asking questions is an integral part of learning and engaging with the world. Complex questions require answers from experts, and this book is packed with fascinating, trusted information about topics ranging from outer space to the human body. Organized by topic in a question-and-answer format, the book is sure to capture readers' imaginations while providing background knowledge about how our universe works.

Why do human beings cook their food? What does a gene look like? How do insects see the world? The answers to these intriguing questions and 998 more, ranging from astrology to zoology, are revealed in this fascinating book. Find out everything you want to know about the world around us: our mysterious universe; the human body; the secrets of

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nature; our changing planet; the everyday world, and the marvels of science and technology. This book will help you keep up with new phenomena and new technology and learn to understand the world around you in a fun and engaging way. Lavishly illustrated, this book is a fund of accessible information for all the family.

Ponder, if you will What happens to your Social Security number when you die? Why are peanuts listed as an ingredient in plain M&Ms? Why is Barbie's hair made out of nylon, but Ken's hair is plastic? What makes up the ever-mysterious "new-car smell"? Pop-culture guru David Feldman demystifies these topics and so much more in *Do Penguins Have Knees?* -- the unchallenged source of answers to civilization's most perplexing questions. Part of the *Imponderables®* series, *Do Penguins Have Knees?* arms readers with the knowledge about everyday life that encyclopedias, dictionaries, and almanacs just don't have. And think about it, where else are you going to get to the bottom of how beer was kept cold in the Old West? Answers questions about the human body, animals, plants, and space, including did unicorns ever exist and how volcanoes work.

Grade 3 Science Questions and Answers for Kids: Quiz, MCQs & Practice Tests with Answer Key PDF, 3rd Grade Science Worksheets & Quick Study Guide covers exam review worksheets to solve problems with 300 solved MCQs. "Grade 3 Science MCQ" PDF with answers covers concepts, theory and analytical assessment tests. "Grade 3 Science Quiz" PDF book helps to practice test questions from exam prep notes. Science study guide provides 300 verbal, quantitative, and analytical reasoning solved past question papers MCQs. Grade 3 Science Multiple Choice Questions and Answers PDF download, a book covers solved quiz questions and answers on chapters: Air, earth and moon,

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force, gravity, heat, matter, other sources of heat and light, sun, water, what is alive for primary school level exams.

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