

Volcanoes And Earthquakes Ks2 Planning

In 1915 Alfred Wegener's seminal work describing the continental drift was first published in German. Wegener explained various phenomena of historical geology, geomorphy, paleontology, paleoclimatology, and similar areas in terms of continental drift. This edition includes new data to support his theories, helping to refute the opponents of his controversial views. 64 illustrations.

When Mount Vesuvius erupts in 79 A.D., Tranio and his friend Livia flee from their homes in Pompeii, Italy, and run to the harbor.

Written by Jonathan Lear, The Monkey-Proof Box: Curriculum design for building knowledge, developing creative thinking and promoting independence is a manifesto on how to dismantle the curriculum we're told to deliver and construct in its place the curriculum we need to deliver. A group of monkeys. A box full of nuts. A lever. A chute. The monkeys excitedly poke at the box with rocks ... nothing happens.

Meanwhile, one monkey sits to the side, observing. Then, when the others wander off, he gets up and - with a curious push of his palm - presses the lever and the nuts tumble down the chute! Not believing his luck, he eats the nuts, presses the lever again and is rewarded with yet more nuts. He's cracked the challenge of the monkey-proof box. In their early years, children experience a world full of monkey-proof boxes - it's a time of discovery, observation and experimentation, as they engage in the frustration and joy of learning how to release life's nuts. Then, as they progress through school, learning becomes more formal, easier in many ways. The nuts are handed to them on a plate and something important is lost. But it doesn't have to be that way. In this absorbing book, Jonathan sets out how primary school teachers can resist the 'nuts on a plate' approach and deliver a curriculum rich in authentic learning experiences that help children learn from one another and grow into empowered, knowledgeable and creative thinkers who are driven by insatiable curiosity. In doing so, he inspires educators to unclutter their classrooms of the latest shiny initiatives and to foster a more refined pedagogical approach - incorporating elements of facilitated and concept-based learning - that simply improves pupils' learning. Suitable for teachers, middle leaders and head teachers in primary school settings. Contents include: Part I: Curriculum. 1 - Slippers; 2 - Less is more; 3 - Skills; 4 - Tightrope walking; 5 - Planning; 6 - 'Love and hugs, Dave C.'; 7 - Softly, softly, catchee monkey; 8 - Hitches and hiccups. Part II: Pedagogy. 9 - Monkey sex; 10 - Rapid and sustained nonsense; 11 - Nuts on a plate; 12 - Nuts scattered in a clearing; 13 - Across the curriculum; 14 - The awkward banana; 15 - Caveman Dave and the TARDIS; 16 - Mastery and independence; 17 - The monkey-proof box; 18 - A spanner in the works; 19 - Freedom.

“An extraordinary delight for a reader of any age.” —The New York Times Book Review Brian Flocca explores Apollo 11’s famed moon landing with this newly expanded edition of Moonshot! Simply told, grandly shown, and now with eight additional pages of brand-new art and more in-depth information about the historic moon landing, here is the flight of Apollo 11. Here for a new generation of readers and explorers are the steady astronauts clicking themselves into gloves and helmets, strapping themselves into sideways seats. Here are their great machines in all their detail and monumentality, the ROAR of rockets, and the silence of the Moon. Here is a story of adventure and discovery—a story of leaving and returning during the summer of 1969, and a story of home, seen whole, from far away.

The Indian Ocean Tsumami

Learning to Teach Geography in the Secondary School

Earthquake Explorers

Stop Telling Fibs!

Moonshot

The Indian Ocean tsunami of December 2004 is considered to have been one of the worst natural disasters in history, affecting twelve countries, from Indonesia to Somalia. 175,000 people are believed to have lost their lives, almost 50,000 were registered as missing and 1.7 million people were displaced. As well as this horrendous toll on human life

Over 2,000 years ago, ancient Greek scholars named seven of the most wondrous monuments to civilization, including the Pyramids of Egypt and Statue of Zeus at Olympia. Through the centuries these treasures were known as the Seven Wonders of the Ancient World. Because all but the Egyptian pyramids have been lost to the ravages of time, a new list of seven wonders was established in 2007. These monuments, including Machu Picchu in Peru and the Great Wall of China, symbolize the creativity and ingenuity of human civilization. Seven Wonders of the World introduces kids ages 9-12 to the seven wonders on the original list and the seven wonders on the new list.

Learning about these icons of world culture offers opportunities to discover amazing civilizations, technological innovations, and our shared world heritage. Sidebars, fun trivia, and entertaining illustrations break up the text, making it easily accessible and engaging, while hands-on projects encourage active learning.

First Published in 1997. Routledge is an imprint of Taylor & Francis, an informa company.

Anna Hibiscus lives in Africa. Amazing Africa. And this morning she feels so happy, she thinks she might pop! What is she going to do with all her happiness?

You Choose!

Earthshattering Events!

Anna Hibiscus' Song

Leila and the City of the Cat Goddess

Seven Wonders of the World

The viral phenomenon #DrawWithRob is now a brand-new activity book for you to draw with Rob at home! As seen everywhere on YouTube, Facebook, TikTok, TV, and more, from the creative genius and bestselling author Rob Biddulph!

Where in the world can you: Find red-hot volcanic rocks the size of cars? Visit geysers that could boil you alive? Sniff some stinky sulphur? Find out in this brand-new edition of Violent Volcanoes! Fully updated for 2015.

Teaching Geography Creatively was Winner of the Geographical Association Gold Award 2014 and Winner of the Geographical Association Silver Award 2017. This fully updated second edition of Teaching Geography Creatively is a stimulating source of guidance for busy trainee and experienced teachers. Packed full of practical approaches for bringing the teaching of geography to life, it is a must-read for all geography teachers. This book is a practical guide for exploring physical geography, human geography and environmental issues. Underpinned by the very latest research and theory, expert authors from schools and universities explore the inter-relationship between creativity and learning, and consider how creativity can enhance pupils' motivation, self-image and well-being. Two brand new chapters focus on creativity as the value of alternative learning settings. Further imaginative ideas include: games and starter activities as entry points for creative learning how to keep geography messy the outdoors and learning beyond the classroom how to teach geography using your local area the links between geography and other areas of the curriculum looking at geography, creativity and the environment through world through picture-books teaching about sustainability. With contemporary, cutting-edge practice at the forefront, Teaching Geography Creatively is an essential read for all trainee and practicing teachers, offering a variety of practical strategies to create a fun and stimulating learning environment. In the process it offers a pedagogy that respects the integrity of geography and offers a vision of how geography can contribute to constructing a better and more equitable world.

Motivate pupils to develop their geographical skills, knowledge and understanding as they become engaged and accomplished geographers, ready for the demands of GCSE. Specifically designed to provide a solid foundation for the 2016 GCSE specifications, this Student Book takes an enquiry-based approach to learning within each unit and lesson. - Easily and cost-effectively delivered as a coherent single-book course covers the latest National Curriculum content, providing 150 ready-made lessons that can be used flexibly for a two or three-year KS3 - Build and improve the geographical knowledge and skills that pupils need: every double-page spread represents a lesson, with rich geographical data and place contexts for pupils to interpret, analyse and apply - Command words and concepts are introduced gradually, preparing pupils for the content and question types they will encounter at GCSE, with a particular focus on analysis and evaluation questions - Effectively assess, measure and demonstrate progress: formative assessments throughout each lesson and summative end-of-unit reviews include questions that show pupils how well they are doing - 'exceeding' expectations - Encourage pupils to check and drive their own progress: learning objectives and end-of-unit learning outcomes help pupils reflect on their learning and make connections between key concepts and skills throughout the course

I Survived the San Francisco Earthquake, 1906 (I Survived #5)

Volcanoes, Earthquakes and Tsunamis: A Complete Introduction: Teach Yourself

Harry the Poisonous Centipede: A Story To Make You Squirm

World Map of Volcanoes, Earthquakes, Impact Craters, and Plate Tectonics

If You Find a Rock

The terrifying details of the 1906 San Francisco earthquake jump off the page!Ten-year-old Leo loves being a newsboy in San Francisco -- not only does he get to make some money to help his family, he's free to explore the amazing, hilly city as it changes and grows with the new century. Horse-drawn carriages share the streets with shiny new automobiles, new businesses and families move in every day from everywhere, and anything seems possible.But early one spring morning, everything changes. Leo's world is shaken -- literally -- and he finds himself stranded in the middle of San Francisco as it crumbles and burns to the ground. Does Leo have what it takes to survive this devastating disaster?The I SURVIVED series continues with another thrilling story of a boy caught in one of history's most terrifying disasters!

The mountain exploded with the power of ten million tons of dynamite...

Embark on a mind-blowing visual journey and visit the most magnificent sights and spectacles outer space has to offer. From the celestial bodies that surround us and their incredible characteristics to the many moons, asteroids, comets, space stations and satellites that hover beyond the stratosphere, this epic tour leaves no question unanswered and no meteorite unturned.Just how much would it cost to colonize Mars? Could a human survive on the blistering-hot surface of Venus? What does the future of space travel have to offer and where are we going next?Dr Maggie's Grand Tour of the Solar System takes readers on the trip of a light-speed lifetime - from the proximity of the surface of our very own planet to the furthest sectors of the Solar System.

The gods were such an important part of Leila’s world that she saw them in almost every aspect of her daily life – but she had never expected to have one as a pet. Leila is tired of the constant hustle and bustle that comes with living in Bubastis, the ancient Egyptian city of cats, especially when an important festival is fast approaching. That is until, one day, she comes across a very unusual cat with a very unusual problem. With the city in danger and the festival about to be ruined forever, it’s a race against time to recover a lost magical item from the depths of the pharaoh’s tomb and rescue the people from a dark and sinister threat. Can Leila and her new companion save the city of the cat goddess before it’s too late? Download the full eBook and explore supporting teaching materials at www.twinkl.com/originals Join Twinkl Book Club to receive printed story books every half-term at www.twinkl.co.uk/book-club (UK only).

All About Volcanoes (A True Book: Natural Disasters)

Curriculum design for building knowledge, developing creative thinking and promoting independence

Wake-Up Time on Bumble Farm

The Big Earth Book

Resources for Environmental Literacy

Conditions on Earth are becoming more and more extreme and kids want to learn about it! Is it true that, at any given time, about 20 volcanoes are erupting somewhere on Earth? Yes! Sometimes volcanoes erupt with a big, dangerous bang. Other times they spit out lava so slowly that you could walk faster than it flows. INSIDE, YOU’LL FIND:
• How volcanoes form, when they erupt, and an account of the most devastating ones in recent history;
• A hands-on activity, a timeline, photos, diagrams—and how scientists are studying volcanoes and their impact on our planet;
• Surprising TRUE facts that will shock and amaze you! This new set in the ongoing A TRUE BOOK series will answer all of kids’ questions about nature’s most dangerous and destructive disasters! With an engaging layout, and spectacular photos, illustrations, diagrams and infographics, the past, present and future of extreme phenomenon happening on Earth will be explained. Readers will discover causes and consequences, as well as the cutting-edge science developed through the centuries to forecast them. First-hand accounts will bring science to life, and a special section will teach kids how to prepare for these extreme events.

Presents an introduction to volcanoes and earthquakes, explaining how the movement of the Earth’s interior plates cause their formation and describing the volcanoes which currently exist around the world as well as some of the famous earthquakes of the nineteenth through twenty-first centuries.

A delightfully squirmy story starring Harry the Poisonous Centipede in a scary world of flying swoopers, furry biters and the dreaded Hoo-Mins! With wonderful humour and brilliant illustrations, this is the perfect book for wriggly young readers.

Lazy Rooster is sleeping late. Without his cock-a-doodle-doo, Farmer Faye is still in bed and the animals on Bumble Farm are causing chaos! Can you help to wake Rooster up? Download the full eBook and explore supporting teaching materials at www.twinkl.com/originals Join Twinkl Book Club to receive printed story books every half-term at www.twinkl.co.uk/book-club (UK only).

Discover Amazing Monuments to Civilization with 20 Projects

The Monkey-Proof Box

The Best Book of Volcanoes

Teaching Geography Creatively

Dr. Maggie's Grand Tour of the Solar System

Celebrates the variety of rocks that can be found, including skipping rocks, chalk rocks, and splashing rocks.

Learning to Teach Geography in the Secondary School has become the widely recommended textbook for student and new teachers of geography. It helps you acquire a deeper understanding of the role, purpose and potential of geography within the secondary curriculum, and provides the practical skills needed to design, teach and evaluate stimulating and challenging lessons. It is grounded in the notion of social justice and the idea that all students are entitled to a high-quality geography education. The very practical dimension provides you with support structures through which you can begin to develop your own philosophy of teaching and debate key questions about the nature and purpose of the subject in school. Thoroughly updated to take account of the latest research, evidence and policy, this new edition reflects new developments in technology as well as current thinking on curriculum, pedagogy and assessment. Exploring the fundamentals of teaching and learning geography in school, chapters cover: Why we teach geography – its purposes and intent Understanding and planning the curriculum – what to teach Effective pedagogy – how to teach Inclusion Assessment Developing and using resources Fieldwork and outdoor learning Values and school geography’s contribution to ‘citizenship’ Professional development Intended as a core textbook and written with both university and school-based initial teacher education in mind, Learning to Teach Geography is essential reading for all those who aspire to become able, effective and above all, thoughtful and reflective teachers.

It’s the summer of AD 79 and Flavia Gemina and her friends, Jonathan, Nubia and Lupus, set sail for the Bay of Naples where they are going to stay with Flavia’s uncle near Pompeii. Once they arrive, they are soon absorbed in a quest to solve a riddle that may lead to treasure. But then tragedy strikes: Mount Vesuvius erupts and the friends must flee for their lives! Not just a mystery - this is an absolutely thrilling action adventure that brings history to life!

This engaging series is tailored to young children’s interests and reading level. Lively text explains the basics of a popular subject, while intriguing facts are brought to life through detailed and informative artwork. From under the sea to other planets, colorful close-ups help explain the different types of volcanoes, while clear cutaway illustrations take readers from the outer crust to the red hot core.

Plate Boundaries and Natural Hazards

My Mouth is a Volcano

Volcanoes of the World

Aspects of Teaching Secondary Geography

A Regional Directory, Gazetteer, and Chronology of Volcanism During the Last 10,000 Years

Thinking of powerful natural events like volcanic eruptions and tsunamis only as hazards undervalues their importance in our lives. This module suggests taking a case study approach, featuring Vesuvius of 75 AD, the San Fransico earthquake of 1906, and the South Asian tsunami of 2004, to learn about earthquakes and volcanic eruptions as players in the dynamic system that has shaped the environment of Earth’s surface throughout history. Key concepts include the components of Earth’s systems, the hazards that volcanoes and earthquakes present, and how to reduce the risks associated with them.

Imagine you could go anywhere, with anyone and do anything! Where would you live? Where would you sleep? Who would be your friends? Go on - you choose! With the help of Nick Sharratt’s illustrations, this book looks at a whole range of scenarios where choosing is made fun.

Teaching children how to manage their thoughts and words without interrupting. Louis always interrupts! All of his thoughts are very important to him, and when he has something to say, his words rumble and grumble in his tummy, they wiggle and jiggle on his tongue and then they push on his teeth, right before he

ERUPTS (or interrupts). His mouth is a volcano! But when others begin to interrupt Louis, he learns how to respectfully wait for his turn to talk. My Mouth Is A Volcano takes an empathetic approach to the habit of interrupting and teaches children a witty technique to help them manage their rambunctious thoughts and words. Told from Louis’ perspective, this story provides parents, teachers, and counselors with an entertaining way to teach children the value of respecting others by listening and waiting for their turn to speak.

An atlas of the most extreme meteorological and geological disasters that nature has to offer!

Geology for Society

Violent Volcanoes

Plate Tectonics, Volcanoes, and Earthquakes

A Companion to School Experience

What is a Volcano?

Beneath our feet unit is an ideal way to link science with literacy in the classroom. It provides opportunities for students to explore how natural processes and human activity shape their surroundings.

Written by Dr David Rothery, a volcanologist, geologist, planetary scientist and Professor of Planetary Geosciences at the Open University, Volcanoes, Earthquakes and Tsunamis: A Complete Introduction is designed to give you everything you need to succeed, all in one place. It covers the key areas that students are expected to be confident in, outlining the basics in clear English and providing added-value features like a glossary of essential terms and even examples of questions you might be asked in your seminar or exam. The book uses a structure chosen to cover the essentials of most university courses, with an introduction on how the Earth moves, followed by separate sections on volcanoes (including eruptions, types of volcano, volcanic hazards, volcanoes and climate, monitoring volcanoes, predicting eruptions and living with volcanoes), earthquakes (including faults, measurement, seismic monitoring, prediction, prevention and preparedness) and tsunamis.

This book provides a practical illustration of the skills, knowledge and understanding required to teach in the secondary classroom. As well as discussing concepts and ideas, the book gives a critical examination of some of the key issues, and will encourage the reader to engage with the ideas and consider their views and beliefs. It is an invaluable resource for those who are learning to teach or for those teachers who wish to reflect on their teaching practice.

The beginning of the new millennium has been particularly devastating in terms of natural disasters associated with tectonic plate boundaries, such as earthquakes in Sumatra, Chile, Japan, Tahiti, and Nepal; the Indian Ocean and the Pacific Ocean tsunamis; and volcanoes in Indonesia, Chile, Iceland that have produced large quantities of ash causing major disruption to aviation. In total, half a million people were killed by such natural disasters. These recurring events have increased our awareness of the destructive power of natural hazards and the major risks associated with them. While we have come a long way in the search for understanding such natural phenomena, and although our knowledge of Earth dynamics and plate tectonics has improved enormously, there are still fundamental uncertainties in our understanding of natural hazards. Increased understanding is crucial to improve our capacity for hazard prediction and mitigation. Volume highlights include: Main concepts associated with tectonic plate boundaries Novel studies on boundary-related natural hazards Fundamental concepts that improve hazard prediction and mitigation Plate Boundaries and Natural Hazards will be a valuable resource for scientists and students in the fields of geophysics, geochemistry, plate tectonics, natural hazards, and climate science. Read an interview with the editors to find out more: <https://eos.org/editors-vox/plate-boundaries-and-natural-hazards>

Escape From Pompeii

The Origin of Continents and Oceans

Enabling Access

Principles and Big Ideas of Science Education

I Survived the Eruption of Mount St. Helens, 1980 (I Survived #14)

"There's a grizzly bear in my underwear!" Could Tomek's tall tales actually be true? Find out in this silly rhyming story. Download the full eBook and explore supporting teaching materials at www.twinkl.com/originals Join Twinkl Book Club to receive printed story books every half-term at www.twinkl.co.uk/book-club (UK only).

Planet Earth. Four elements. One incredible story. We take kids on a rollercoaster ride through history, geography and science to show how four elements - earth, fire, air and water - created the world and everything that exists today. Amazing facts, photography and illustrations bring our planet and its past to life in an exciting, engaging way.

This new series supports ICT Coordinators with advice on setting up and monitoring ICT in the school. Contains practical, curriculum-focused activities for each subject area and contains INSET day to help train teachers to deliver ICT in their curriculum area.

Earthquakes, Volcanoes, and Tsunamis

The Flight of Apollo 11

Cross-Curricular ICT

Perspectives on Practice

Earth and space sciences. Year 6