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BOLOGNA 2018



BOLOGNA
CHILDREN'S
BOOK
FAIR





Éditions

Le Pommier

Éditions Le Pommier

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e-mail : g.grekhova@syllabes-agency.com

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**BOLOGNA
CHILDREN'S
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FAIR**

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My ABCs of Science

by Virginie Aladjidi, Caroline Pellissier
& Caroline Dall'Ava

The first science-focused alphabet book for children from ages 3 to 5.

My ABCs of Science provides children between the ages of 3 and 5 with their very first explanations of the various scientific phenomena that they'll observe in everyday life, with definitions of such concepts as rainbows, shadows, zero, etc. A stroll through the park, a game or a daydream while gazing out the window are all opportunities to encounter science and provide thoughtful explanations that are clear but not exhaustive.

ILLUSTRATOR

CAROLINE DALL'AVA graduated from the Beaux-Arts in Toulouse and the École Supérieure des Arts Décoratifs in Strasbourg. She collaborates on a regular basis with Syros, Gallimard, Nathan, Milan and recently worked on a beautiful picture book called Les Moments Doux (Sweet moments) for Albin Michel Jeunesse.

AUTHORS

CAROLINE PELLISSIER and VIRGINIE ALADJIDI are both children's book writers. These former journalists met while working together at a kids' magazine. Together, they have written over one hundred books for Nathan, Albin Michel, Thierry Magnier, Mame, Palette, Larousse, etc. In tandem, Caroline and Virginie publish nonfiction, picture books, art and religion books and books for toddlers. Many of them have won awards: Le calme de la nuit (The quiet of the night), Le grand livre du jardinage (The big book of gardening), Le petit caméléon (The little chameleon), Sagesses du monde entier (Wisdom from across the world), Presque pareils (Almost the same), Un cœur qui bat (Beating heart). Virginie Aladjidi is also the author of Illustrated Inventories for Albin Michel, which has been translated into various languages...

175 x 175 mm - 56 pages - 13,50 € - hardback

Publication date - May 2018

A series of adventure novels for 9- to 11-year-olds, packed with lessons about life and historic discoveries made by some of the great scientists of the past.

NEW



Opération Lovelace

by Emmanuelle Kécir-Lepetit

An exciting adventure novel that takes place in London in the mid-19th century. Readers will meet Ada Lovelace, the first pioneer of computer programming.

Winter 2025: a major virus has infected all of the western world's computer systems. Nothing works anymore. At the Pentagon, a team of experts from across the globe has been assembled to find a solution, led by Professor Holmes.

According to him, there is only one possible solution: go back in time and fix the problem at its root by preventing the invention of computer technology, the source of all their troubles. Lovelace, a top-secret US Department of Defense program, would allow them to travel back in

time to the year 1943, to the University of Philadelphia where the first computer was built.

After traveling through the time-space continuum, 12-year-old Nancy finds herself in London in July of 1843. The time machine was off by 100 years! There, she meets another child named Olivier, along with Ada Lovelace, a pioneer of computer programming, plus Charles Babbage, the inventor of the difference engine.

Plenty adventure in both the past and the future await these two kids, and along the way, they will discover the life and work of Ada Lovelace, a skilled mathematician and the world's first computer programmer, long before the discipline was born in the mid-20th century.

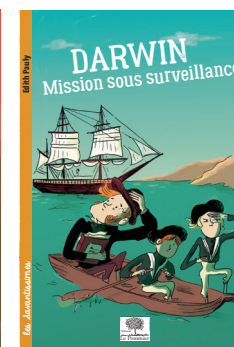
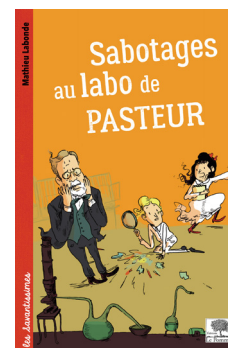
135 x 200 mm - 240 pages - 13€ - paperback

Publication date - June 2018

AUTHOR

After completing a degree in literary studies, EMMANUELLE KÉCIR-LEPETIT began writing for children. She loves to invent, mix genres and create colorful characters in her short stories, fairytales, novels and nonfiction works. She is also the author of the novelizations of Le Petit Nicolas (Gallimard) and Le Petit Prince (Fleury). Passionate about nature, she has also penned several non-fiction books for children. She shares her talent for observation and her sense of wonder at the simple things in life through her writing.

See all the titles of the series **Savantissimes** on page 19:



New title to be published:
Leonardo da Vinci
(Autumn 2018)

NEW



Scientific Thinking, critical Thinking Volume 2 (Middle School)

by Mathieu Farina, Elena Pasquinelli, Gabrielle Zimmermann

A beloved tool by one of the major players in the world of education, focused on a subject that was named "priority number one" by the French National Ministry of Education for the years to come.

A trusted guide that examines an important social issue, written for middle school students.

Gaining a better understanding of our world, not jumping to hasty conclusions, blocking out other points of view – these are some of the challenges we all face on a daily basis. And they are more critical today than ever before,

since we are constantly confronted with a wealth of information.

What's the best way to handle this information overload? Developing our critical thinking skills!

The Main à la Pâte Foundation created the "Scientific Thinking, Critical Thinking" project with this exact goal in mind. It offers students and teachers the chance to sharpen their analytical tools and in doing so, form the most accurate opinions possible of our world, on a daily basis, with a little help from science. Students will learn how to observe carefully, test properly, weight information effectively and reason convincingly, all while cultivating their capacity for collaboration, teamwork, and especially imagination, so that they can develop the right tools to take on the future.

After the teaching guide for middle school cycles 2 and 3, published in August 2017, this second volume is aimed at cycle 4 teachers. Created by a middle school teacher, it's full of group projects, which adds to its beautiful transversality.

A beloved work by one of the major players in the world of education, focused on a subject that was named "priority number one" by the French National Ministry of Education for the years to come.

210 x 280 mm - number of pages TBC - 29€ - paperback

Publication date - May 2018

AUTHORS

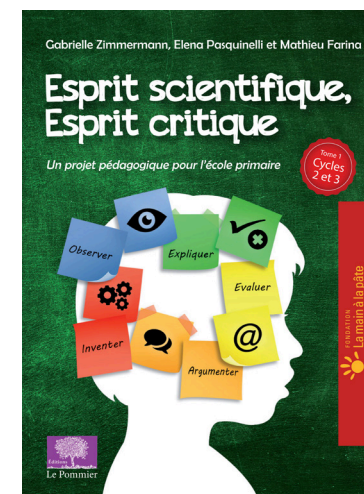
All three authors are members of La Main à la Pâte.

MATHIEU FARINA teaches life and earth sciences and cares deeply about the production of educational resources. Philosopher ELENA PASQUINELLI coordinates the Pole of Educational Research Networks for the Main à la pâte Foundation. A biologist by training, GABRIELLE ZIMMERMANN is committed to the production of educational resources and professional development.

Already published:

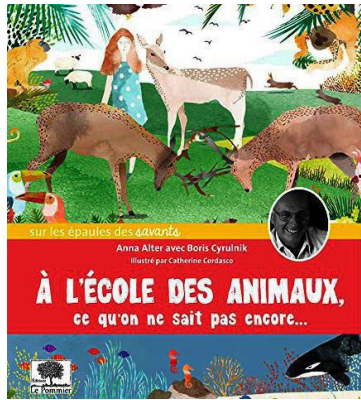
Scientific Thinking, critical Thinking vol. 1 (Elementary School)

see page 26:



It is between the ages of 8 and 11 that children's curiosity reaches a peak and it's also the Things We Still Don't Know time when they first think about what they want to do when they grow up. In this series, children find out from experts not only what we already know in different fields of science, but also that there is much more yet to discover and, if they want to enter the world of science, the door is open.

205 x 240 mm - 48 pages - 13,90€ - hardback



Animal School. Things We Still Don't Know.

by Anna Alter & Boris Cyrulnik
illustrated by Catherine Cordasco

Bison bellowing with pleasure as they go up snowy slopes, rats laughing out loud when they are tickled, elephants greeting old acquaintances by moving their ears, apes learning good manners, pandas playing on a swing, baboons lying to their leader... Animals – always a subject of fascination for children – are sensitive and complex animals and we are a long way from knowing everything about them. When they laugh, what are they laughing at? When they obey their leaders, is it through fear?

With the help of Boris Cyrulnik, this is a charming look at the heart of the animal world, a world which can teach us a lot... maybe a lot about ourselves!



Things We Still Don't Know about the Sun.

by Anna Alter & Hubert Reeves
illustrated by Benoît Perroud

How well do we really know the star that gives us light and heat? With the help of the celebrated author Hubert Reeves, we find out all about the Sun and unravel its secrets. The Sun is the nearest star to Earth and has eight planets that orbit around it, including ours. We know certain things about this enormous ball of very hot gas – it is bigger than any of the planets and even bigger than all the planets put together – but there are still a lot of questions to be answered about it, including the following.

- What really happens when solar eruptions take place every eleven years and the Sun spits out matter and gets covered in spots?
- Every 100,000 years, sunlight changes and produces what is called an ice age. The amount of heat we receive diminishes a tiny bit and yet the effect is enormous. Why?
- The Sun's corona is boiling hot. Why is it so hot and where does the energy come from?



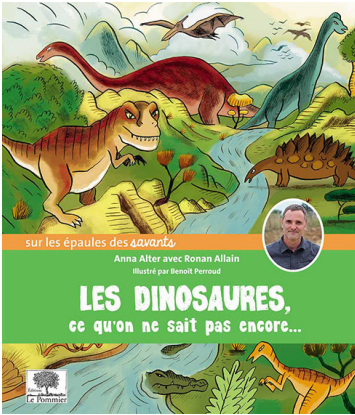
BORIS CYRULNIK is a psychiatrist and psychoanalyst, famous for his works on ethology and his commitment to the protection of nature and of animals. He has written numerous works, widely acclaimed by the press as well as by his readers.

ANNA ALTER holds a doctorate in astrophysics and has been a journalist with Science et Vie, l'Événement du jeudi, La Recherche (where she was deputy chief editor) and Marianne. Today she is an independent journalist and writer.



HUBERT REEVES is an astrophysicist and the author of numerous works, many of which are aimed at the general reader.

ANNA ALTER see above



Things We Still Don't Know About Dinosaurs.

by Anna Alter & Ronan Allain
illustrated by Benoît Perroud

Dinosaurs reigned as absolute masters over earth, sea and sky for over 160 million years. How did they do it? Was it their exceptional size which made them monarchs of the planet – or was it the other way around? How did they manage to coexist? After all, there were small ones, large ones, giant ones, herbivores, carnivores... What did the very first dinosaur look like? Why did they die out? Scientists have been investigating this for over 150 years.



RONAN ALLAIN is a paleontologist and lecturer at the French National Natural History Museum and is one of the few experts on dinosaurs in France. As such, he has taken part in many expeditions both in France and abroad.

ANNA ALTER see page 7



Things We Still Don't Know about the Unknown Universe.

Anna Alter & Hubert Reeves
illustrated by Eglantine Ceulemans

An astrophysicist, Hubert Reeves, looks at different aspects of the Universe: the Earth, the solar system, other galaxies, the Big Bang theory... all of which pose enormous questions for scientists. A voyage through time and space which aims to show young children where some of the many answered questions lie – questions they might want to try and answer when they grow up.

HUBERT REEVES is an astrophysicist and the author of numerous works, many of which are aimed at the general reader.

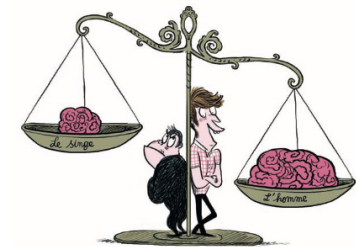
ANNA ALTER see page 7



Who are our ancestors? Things We Don't Know about the great apes.

Anna Alter & Brigitte Senut
illustrated by Caroline Hue

We often hear that Man is descended from apes, but we are, in fact, only cousins with a “common ancestor”. Our family tree has grown quite a few branches over recent years and, although we may not be on the same branch as the great apes, we are not so far away, for we belong to the same extended family which keeps on evolving. Researchers are still trying to understand where we come from, how it happened that we started walking upright, when our heads got bigger and who it was made the first tools.



BRIGITTE SENUT is a paleontologist specialising in the great apes of Africa. She teaches in the Earth History department of the Natural History Museum and is a researcher in the paleodiversity and paleoenvironment laboratory.

ANNA ALTER see page 7



Things We Still don't Know about Genes

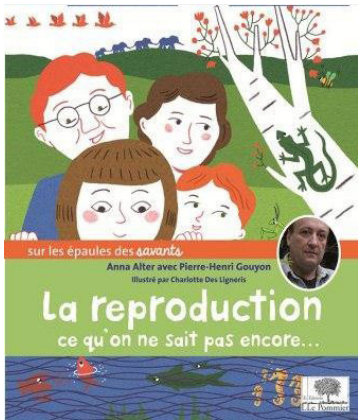
by Anna Alter & Axel Kahn
illustrated by Ewen Blain

From the horse's mouth of geneticist Axel Kahn, the reader is introduced to the world of living cells and genes. Genes are what make organisms of the same species resemble each other, and yet at the same time remain unique. Biologists thought they knew a lot about them, but as research yields more and more results, the results bring up more and more questions. For example, among the genes that play a part in the occurrence of illnesses, researchers cannot always determine to what degree each individual gene is responsible or how the genes interact. Lots of questions remain.



AXEL KAHN is a doctor of medicine and of science. He is a Research Director at INSERM and, between 2002 and 2008 headed the Cochin Institute. He was President of the University of Paris-Descartes. His field of research mainly concerns gene control, genetic illnesses, cancer and nutrition.

ANNA ALTER see page 7



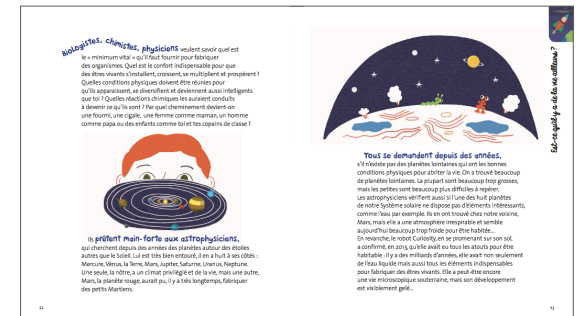
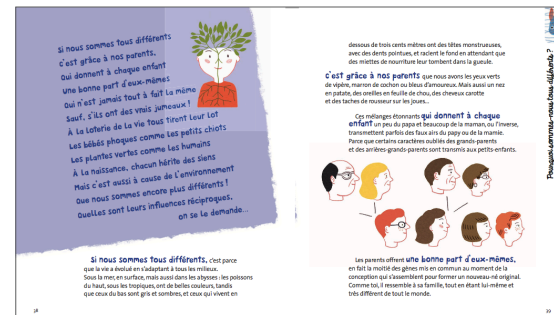
Things We Still don't Know about Reproduction

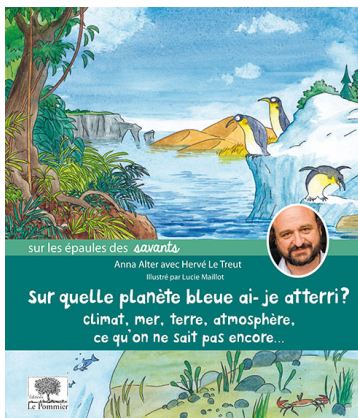
Anna Alter & Pierre-Henri Gouyon
illustrated by Charlotte des Ligneris

In the second volume of this series, the authors take a look at the reproduction systems of humans, animals and plants. There are still many questions that remain to be asked and answered if we want to know everything about out how living things manage to reproduce.

PIERRE-HENRI GOUYON is a biologist who specialises in evolutionary science, notably in genetics, botany and ecology. He teaches at the French National Natural History Museum and at institutes of higher education.

ANNA ALTER see page 7





What is this «Blue Planet» am I living on? climate, The Sea, The Earth, The Atmosphere, Things We Still don't Know

by Anna Alter & Hervé Letreut
illustrated by Lucie Maillot

This book takes the reader on a voyage around the world, guided by Hervé Le Treut, a climatologist and member of the GIEC. We learn about all the factors that affect climate: oceans, the atmosphere, clouds, human beings, continents... Our climate changes naturally from day to day, from month to month and from year to year – but which changes are really linked to global warming?

We may know for certain that temperatures are going to change everywhere, but we don't yet know how or why. It is because of its atmosphere and its water and carbon cycles – vital to life – that Earth functions as a life-supporting "machine". We know about each separate element but we don't yet understand how the "machine" is triggered off or even how the whole thing really works.

The book explains the various factors that affect climate and how they are linked, and tells us which questions remain unanswered.



What atoms are we made of? Things We Still don't Know about matter

by Anna Alter & Etienne Klein
illustrated by Thanh Portal

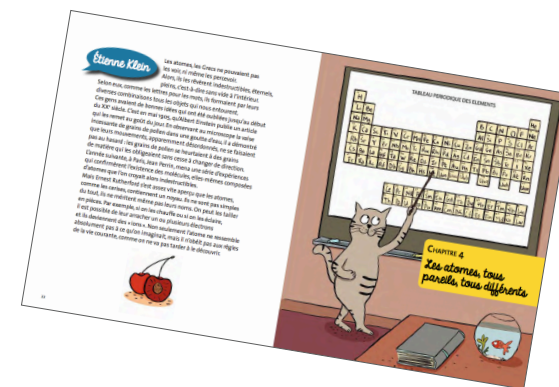
The Physicist Étienne Klein lends his weight to this book, which shows us the world of the infinitely small and the infinitely big and introduces the reader to the mysteries of matter. Matter is all around us, not just here on Earth but in the most distant parts of the Universe – it's both in our fridge and in the galaxies. Because of its many manifestations – liquid, solid, gas, hyper dense,

hyper light... - it's always giving researchers the runaround. Readers will not only find out about the atoms that they are made of, they also discover they want to be researchers too.



HERVÉ LE TREUT is a climatologist, a member of the French Academy of Science and a research director at the CNRS. He belongs to the GIEC – the intergovernmental organisation that brings together experts on climate change – and is working on our understanding of phenomena that come into play in climate change.

ANNA ALTER see page 7



ÉTIENNE KLEIN is a physicist who holds a doctorate in the philosophy science. He is a research director at the French Atomic Energy Authority where he is head of the Laboratory for Research into the Science of Matter, and he also teaches at the École Central in Paris.

ANNA ALTER see page 7



All about Bears

by François Moutou, illustrated by Carole Xénard

Fun and scientific, this nonfiction picture book is about one of the world's biggest mammals: the bear!

In the bear family, there are brown bears, white bears, black bears, and black-and-white bears. Bears come in many colors. But is color the only thing that differentiates them?

This is the story of the Ursidae. In France, around forty brown bears live in the Pyrenees. But there are also bears living on the Arctic ice pack, high up in the forests of the Andes, in the Indian jungle and in the bamboo forests of southern China. Where do bears come from? How old is the bear's oldest ancestor? Do you know about the

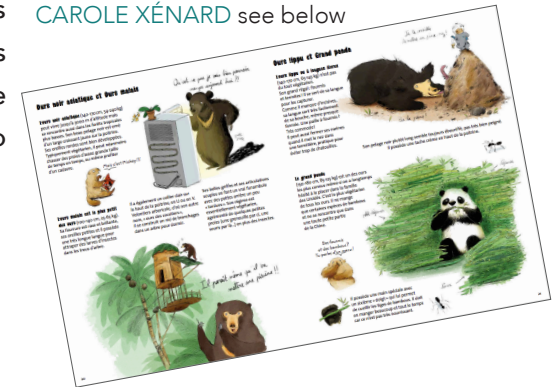
spectacled bear? Are you aware that polar bears are the largest carnivores on Earth? Do you know that panda bears have two extra fingers to help them gather bamboo stems? This illustrated nonfiction book will teach you all about bears, with plenty of laughs along the way.

230 x 285 mm - 64 pages - 18€ - hardback



FRANÇOIS MOUTOU is a veterinarian who was responsible for the epidemiology of animal diseases research unit in Maisons-Alfort (a commune of France known for its National Veterinary School). Today, he continues researching animal diseases and travels in order to observe all kinds of animals, on both land and sea.

CAROLE XÉNARD see below



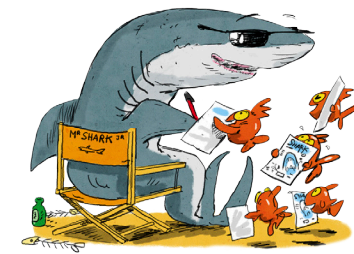
All About Sharks

by François Moutou, illustrated by Grégoire Mabire

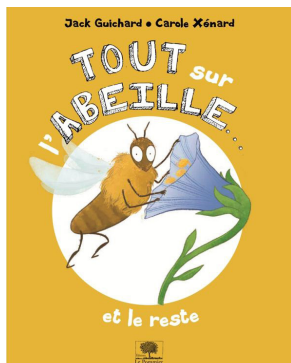
In this work, both fun and educational, we learn all about one of the most feared of all marine creatures: from the most well-known species to those that are now extinct, including fossils that go back 150 million years. Did you know that the whale shark can measure up to 20 metres? Or that the basking shark eats as much as 500 kilos of food every day? Do you know that sharks have a remarkable sense called electroreception? This book comes at a time when numerous species of these prodigious sea creatures are in danger of extinction.

230 x 285 mm - 64 pages - 18€ - hardback

FRANÇOIS MOUTOU see above



JACK GUICHARD is a university teacher and former Director of the Palais de la Découverte (a Paris science museum). He is both a scientist and a specialist in education and communication.



All About Bees

by Jack Guichard, illustrated by Carole Xénard

At the beginning of May, hordes of insects arrive with the sunshine and, for the keen naturalist, the bee is one of the most fascinating among them. But how much do we know about bees? These facts and many more are set out in this book and illustrated in pictures that show – with more than a little humour – just how special these little creatures are.

230 x 285 mm - 64 pages - 18€ - hardback

CAROLE XÉNARD is an illustrator who works for the press and children's books publishing houses. She specializes in drawing animals of all kinds. She has already illustrated All About Bees for Le Pommier.



All about cats

by François Moutou, illustrated Sophie Janssen

Did you know that if you want your cat to be a champion, it will have to go on a special diet? Did you know that, contrary to what you might think, a cat's stomach and intestines are not really designed for digesting mice? all about cats, with fun pictures that show us what very special animals they are.

230 x 285 mm - 64 pages - 18€ - hardback



FRANÇOIS MOUTOU see page 6



All About Horses

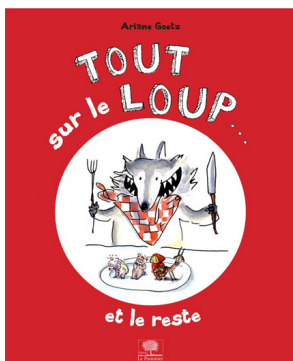
by Antoinette Delylle, illustrated by Grégoire Mabire

Welcome to the world of horses! This book tells us everything we need to know about this endearing creature – whether it be a domestic pet or a wild animal. This is a non fiction work brimming with information about Man's best friend..

230 x 285 mm - 64 pages - 18€ - hardback



ANTOINETTE DELYILLE writes books and articles about horses. She has produced numerous works for both children and adults, notably in the Mon cheval et moi (My Horse And I) series for Éditions Belin



All About Wolves

by Ariane Goetz

How much do we know for sure about wolves?

The wolf is an animal of which humans seem to have an almost irrational fear, and which has generated a wealth of myths and legends over the centuries. Why this should be so is one the questions answered in this book, which also tells us a lot of other interesting facts about wolves.

230 x 285 mm - 80 pages - 18€ - hardback



ARIANE GOETZ is a young Swiss illustrator who works mostly for the press. This is her first book.



Astrolabe's Big Trip

by Daphné Buiron, illustrated by Catherine Cordasco

The Astrolabe ship puts pen to paper to tell its incredible story

Astrolabe is old and tired. It's time for the French icebreaking vessel to retire, after transporting equipment and research teams between Tasmania and the Dumont d'Urville scientific research station in Antarctica since 1988.

After thirty years of mad dashes through the raging waters and storms of the Antarctic Ocean, communicating with albatrosses and penguins, fighting sea ice, facing giant tabular icebergs, assisting oceanographers, tracking whales, and most importantly, helping, supporting and loving the courageous and passionate group of men that it carried from one port to another, Astrolabe

deserves a good long rest.

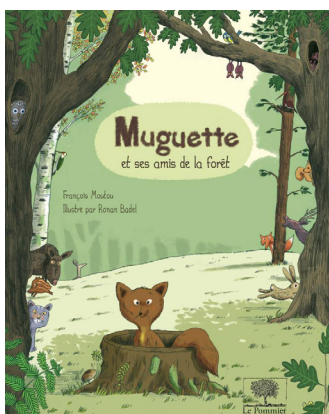
"So tonight, I will put pen to paper and tell you the long story of my life as an icebreaker. Promise me that you won't forget me! Are you ready? Step aboard and I'll take you on an incredible journey!" Beautiful poetic illustrations accompany this touching story of a ship who was always thought of as a living being by its crew.

230 x 285 mm - 48 pages - 16,50€ - hardback



DAPHNÉ BUIRON is a glaciologist. Ever since she was a little girl, she has been fascinated by the polar regions and Antarctica in particular. Passionate about science, she wrote her thesis on glaciology at The Institute for Geosciences and Environmental Research (IGE) in Grenoble (France). In 2011, she achieved a longtime dream of hers by spending a year at the French Antarctic Dumont d'Urville Station, observing atmospheric chemistry. Eager to share her passion with others, she also joined a team of naturalist guides at a tourism agency specializing in the polar regions.

CATHERINE CORDASCO see page 15.

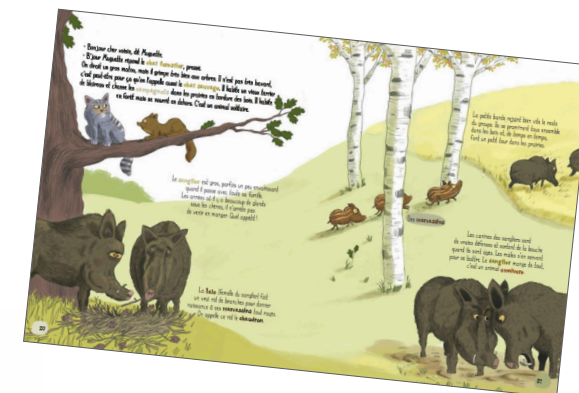


Muguette and her Forest Friends

by François Moutou, illustrated by Ronan Badel

Muguette, the little pine-marten, takes us into the forest with her. There's a lot going on – up in the trees, in the bushes and on the ground. There are all sort of different creatures living here and there are so many different sorts of trees – some that flower, some that don't. We follow Muguette and find out all about the forest and the creatures that live there: birds, deer, foxes, squirrels, insects... We also find out about the far distant forests of South America, Africa and Asia. There is a double page of things to do in the forest and tips on how to recognise different trees.

230 x 285 mm - 48 pages - 14,90€ - hardback



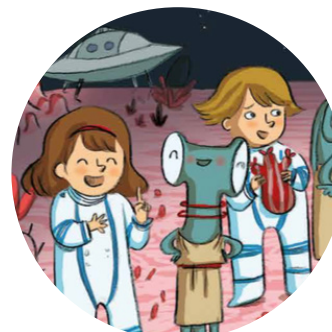


Litchi in Space

by Jacques-Marie Bardintzeff illustrated by Bérengère Delaporte

Jacky, Michèle, Bernard and Litchi decide to visit other planets in a flying saucer. They find out about the planets themselves and their satellites, as well as about stars, constellations and the conquest of space.

230 x 285 mm - 48 pages - 14,90€ - hardback



JACQUES-MARIE BARDINTZEFF is a vulcanologist and university professor who specialises in the risks caused by natural phenomena.

BÉRENGÈRE DELAPORTE studied decorative arts in Strasbourg and now illustrates picture books and articles for children's publications.

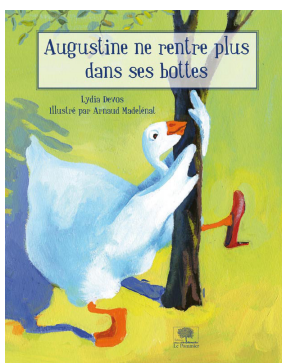


The volcano awakes

by Jacques-Marie Bardintzeff, illustrated by Amélie Dufour

A docudrama that tells you all about volcanos. One day a letter arrives for Jacky and Michèle. It's from their cousin in Africa inviting them to go and stay with him. It's a wonderful opportunity because he lives not far from an extinct volcano and the children have been mad about volcanos ever since they visited the ones in the south of France. Little do they suspect that, during their stay in Africa, the volcano will come to life...

230 x 285 mm - 48 pages - 14,90€ - hardback



Augustine no Longer Fits into her Boots

by Lydia Devos, illustrated by Arnaud Madelénat

Augustine, the little goose, is puzzled. When she came back from just one winter away in the countryside, she had grown out of her beloved boots. Why is it then that her mum and grandma keep telling her she's too young for so many things? It seems strange that we are forever changing whilst objects remain the same. Why don't the little boots we loved grow along with our feet, like a snail and its shell?

220 x 280 mm - 40 pages - 13€ - hardback





The Quark and the child The Wonderful History of the World

by Blandine Pluchet, illustrated by Catherine Cordaso

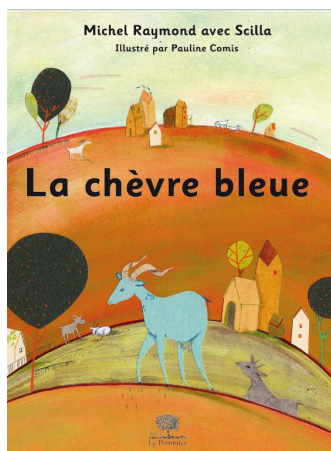
It all started almost fourteen billion years ago. At the beginning of our history, the Universe was just a tiny dot. It grew, and all the energy it contained was transformed into matter. A quark tells the story to a child – how it travelled in clouds of matter, stars, supernovas, planets and oceans and even in animals' stomachs! It tells the child about the twists and turns in the history of the world, about the creativity of nature and its unending ability to adapt.

This is the wonderful continuing story of our Universe – our solar system, life on Earth... Like past generations, our children have their part to play in its development and must be aware not only

of what happened before human beings were created but of our own place in Nature's scheme of things.

The story is a fascinating one, told in a simple and poetic way. Preface by Hubert Reeves.

160 x 220 mm - 48 pages - 13€ - hardback



The Blue Goat

by Michel Raymond, illustrated by Pauline Comis, preface by Nancy Huston

After a poor harvest, the village was reduced to poverty. Then a dwarf arrived and said to the villagers: "When you manage to raise a species of blue goat that is twice the size that I am, then your world will be a better place." In an attempt to make the prophecy come true, seven villages try out seven different ways to create a big blue goat. Eventually they succeed and the prophecy comes true.

This work shows young children how they can contribute to the protection of the planet. It is full of things to do on a daily basis and things to think about. The book provides a really original approach to ecological concerns and is a mine of information about the environment. Furthermore, it gives tips that are easy to understand and sets tasks that are great fun to do.

160 x 215 mm - 44 pages - 12€ - hardback

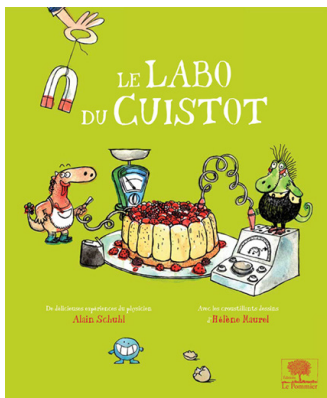
BLANDINE PLUCHET is a physicist, writer and artist. Once destined to become a research scientist, she felt the need to transmit scientific knowledge by means of her imaginative and writing skills, and began to write children's stories. She is the author of Le Pommier's Fisie Ka series.

CATHERINE CORDASCO finds her inspiration in everything around her. She works as an illustrator for magazines and advertisements as well as for various institutions. This is her first adventure into the world of books.



MICHEL RAYMOND is a research director at the CNRS and heads a research team in human evolutionary biology at the Institute of Evolutionary Science in Montpellier. This is his first children's book.

PAULINE COMIS graduated from the École Estienne. Her original and poetic illustrations, often combining drawing and collage, have graced children's books published by Fleurus, Milan and Frimousse.



The cook's Laboratory

by Alain Schuhl, illustrated by H el ene Maurel

For all lovers of anything that goes on in the kitchen. Did you know that water doesn't boil at 100 degrees?. Do you know how to make a drinks can implode? Can you make a cooking pot out of cardboard?

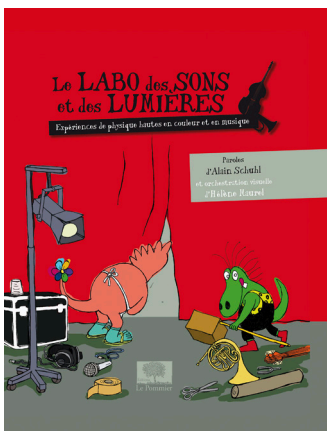
This book provides children with simple experiments they can do in a kitchen, explains how certain things work and why certain things happen. There are also real recipes to try out.

230 x 285 mm - 96 pages - 16  - paperback



ALAIN SCHUHL is a physicist and researcher in nanoscience who teaches at the University of Grenoble and is head of a research laboratory. He has written several works of popular science.

H EL ENE MAUREL teaches illustration in Paris. She has done art work for the press, for comic strips and for books, covering topics as varied as wolves, mathematics and social security!



The Sounds and Light Lab

by Alain Schuhl, illustrated by H el ene Maurel

This adventure involves Sakharine and Sakharoze, the two apprentice scientists. This time we find them backstage at the opera carrying out all sorts of physics experiments concerning sound and light. We find out how sound and light move, how light is reflected, how to make music with Gran's crystal glasses, how to use yoghurt pots to talk to each other when you're in different rooms , and so on.

230 x 285 mm - 96 pages - 18  - hardback

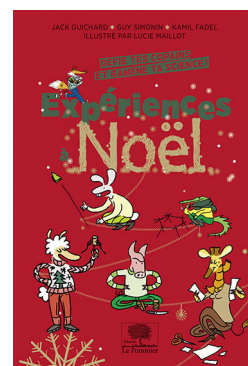


Fun Experiments to do on the Beach

Jack guichard, Guy Simonin & Kamil Fadel. Lucie Maillot (illus.)

This is a book of 20 experiments set out in the form of challenges and illustrated with cartoons. All of them can easily be carried out on the beach using a bucket, sand, seawater, a strainer, a bottle, etc. The science behind each experiment is explained in simple terms so that friends and parents can understand how and why certain everyday phenomena occur.

110 x 160 mm - 96 pages - 6,90  - paperback

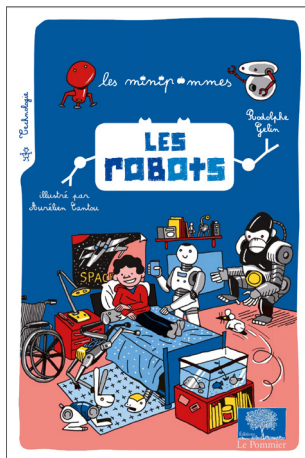


Fun Experiments to do at christmas

Jack guichard, Guy Simonin & Kamil Fadel Lucie Maillot (illus.)

This is a book of 20 experiments. All of them can easily be carried out using everyday objects: a cork, a fork, a paper napkin, a coin, a champagne glass, etc. The experiments include making a 3D Christmas card for Granny and separating eggs (in order to help in making the Yule Log).

120 x 175 mm - 96 pages - 9,90  - hardback



The Robots

by Rodolphe Gelin, illustrations by Aurélien Cantou
issue 54

Welcome to the world of robots!

Antoine is an energetic, intelligent boy who has been confined to a wheelchair ever since he got into a skateboarding accident. Luckily, he has a great team of robots – Romeo, who has an infallible memory and an ear-splitting alarm, IdefiX, the intelligent robot dog and GoriX, who is as strong as an ape – to assist him at home and keep him entertained. His parents are away at the moment and strange things have been taking place. With the help of his caregiver, Sophie, he investigates a few mysterious disappearances. Who has stolen his father’s tablet? And where

are his mother’s sunglasses? He manages to catch the thieves, with help from his enthusiastic team of robots. This story is an opportunity to learn about artificial intelligence and how it works.

125 x 180 mm - 64 pages - 8,90€ - hardback

RODOLPHE GELIN worked in robotics for nearly 20 years at the French Atomic Energy Commission where he had robots perform a wide variety of tasks, from cleaning metro corridors to assisting handicapped individuals in complicated situations. Since 2009, he has been the lead researcher at Aldebaran Robotics where he directs the Romeo project, which aims to produce a humanoid robot that can assist the elderly.



Water in the city

by Auguste Gires, illustrations by Thérèse Bonté
issue 55

What happens to rainwater in cities?

Marcel, aged 11, and Nina, aged 9, are about to embark on a very special trip following rainwater as it moves through the city. Their means of transportation is a hovercraft owned by Tanguy, a water expert who is more than a little eccentric. Once they’re safely buckled in, they move from the rooftops to the depths of the sewers, with

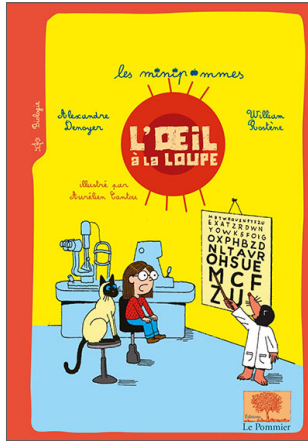
stops at the gutters, sidewalks and reservoirs along the way – a truly wet and wild adventure! On their journey, they learn about floods, sewers, reservoirs, rainwater quality, the dangers of urban sprawl, green roofs, etc.

125 x 180 mm - 64 pages - 8,90€ - hardback



AUGUSTE GIRES is a researcher at the Hydrology, Meteorology and Complexity Laboratory at the École des Ponts ParisTech.

THÉRÈSE BONTÉ illustrates magazines and children’s books for numerous publishing houses. She has illustrated two books in the Minipommes series – La pluie (Rain) and Je mange, je bois, je respire, à quoi ça sert ? (I Eat, Drink and Breathe – What Is It All For?) – for Le Pommier.



The Eye Through The Magnifying Glass

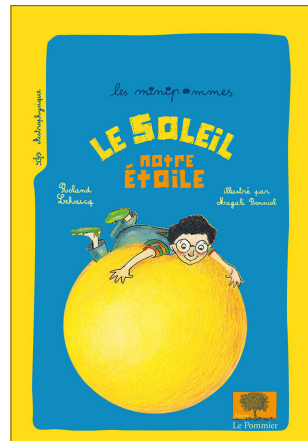
by William Rostène & Alexandre Denoyer,
illustrated by Aurélien Cantou

What do we see and how? Do our animal friends see the same thing? During their holidays, four children take a trip to the zoo. With them goes their magnificent blue-eyed Siamese cat who seems to have answers to all their questions. They find out that certain animals – notably the eagle, the giraffe and the lynx – have very special vision and the children compare what

the animals see with what they themselves can see. Some of the questions they find answers to are: How does the eye work? Where are pictures formed in the brain? Why do certain animals see things differently from us? What is it that makes eyes different colours? Why do tears form in our eyes? As well as the story, the work includes fact sheets, experiments to carry out and advice on how to find out more.



discovering extra-terrestrial life
by André Brack



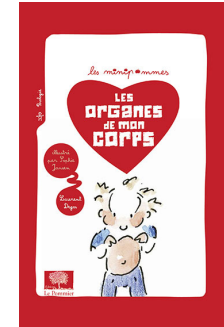
The Sun, our star
by Roland Lehoucq

Find all the titles
of the Minipommes
series on the
website:

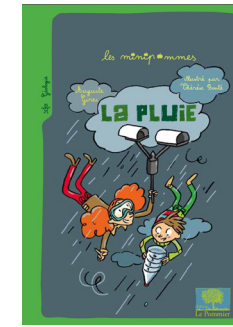
www.editions-lepommier.fr



I eat, I drink, I breathe, what for?



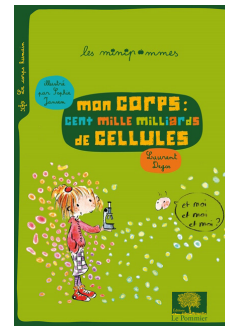
My body's organs



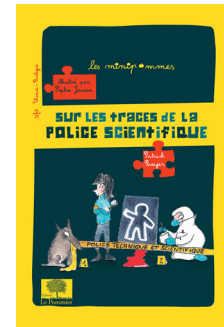
The Rain



Behind the ocean



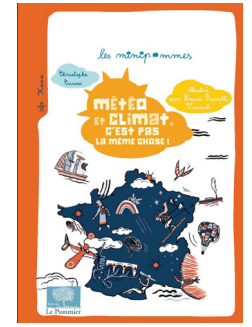
My body, one hundred thousand billion of cells



In the footsteps of forensic scienc



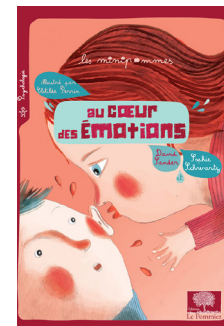
Being alive: what an adventure!



Weather and climate is not the same thing



The wonders of computing



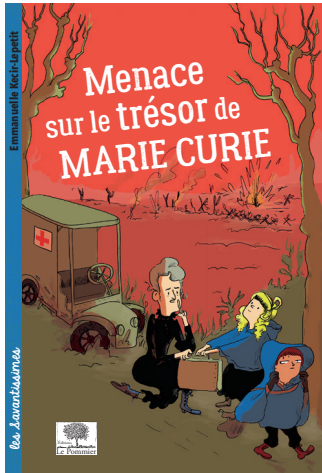
In the heart of emotions



Little box in my brain



How plants reproduce



Saving Marie curie's treasure

by Emmanuelle Kecir-Lepetit, Marie de Monti (cover ill.)

1914: Lucien and Suzanne meet Marie Curie and help protect her mysterious treasure

December, 1914.

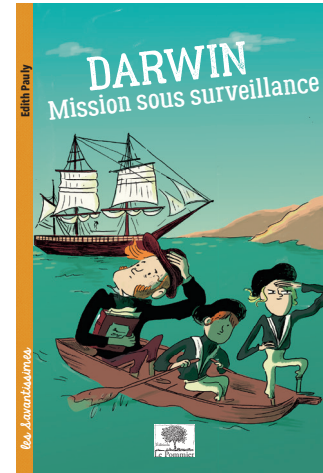
Suzanne, aged 12, and her brother Lucien, aged 10, live in a small village near Amiens, France. Their father is off fighting the war and their mother works at a munitions factory. One rainy day on their way back from school, they come across a strange truck bogged down in a ditch. They immediately rush to help the passengers and in the process, meet an unusual woman

named Marie Curie. She is accompanied by her daughter Irène and a mustachioed mechanic named Louis Ragot. Their vehicle is in bad shape so the trio willingly accepts the children's invitation to spend the night at their home. The next day, Marie Curie is getting ready to leave when the Germans bomb the munitions factory. Lucien and Suzanne's injured mother entrusts her two children to the famous scientist.

During their trip to Paris over the next few days, the children will learn about Marie Curie's life. Who is she? Why does she always wear black? Why do her damaged fingers twitch involuntarily? Why is the military trying to sabotage her work? And last but not least, what is hidden in the strange and very heavy briefcase that she always carries around with her and guards as if it were filled with treasure? Lucien and Suzanne will soon discover the truth about her odd powder with powerful properties and will have to be courageous and daring in order to thwart the plans of those trying to steal it away.

135 x 200 mm - 288 pages - 13€ - paperback

After completing a degree in literary studies, **EMMANUELLE KÉCIR-LEPETIT** began writing for children. She loves to invent, mix genres and create colorful characters in her short stories, fairytales, novels and nonfiction works. She is also the author of the novelizations of *Le Petit Nicolas* (Gallimard) and *Le Petit Prince* (Fleurus).



Darwin: mission under control

by Edith Pauly, Marie de Monti (cover ill.)

1831: Two cabin boys aboard the Beagle help a young naturalist named Darwin

"December 27th, 1831, the Beagle casts off for a long trip around the world," Jules Berries writes to his daughter Maddy. Jules was a cabin boy during this famous expedition. Aboard the Beagle, a young 22-year-old naturalist named Darwin pursues his greatest dream – to discover the world. Thanks to his observations along the

way, Darwin comes up with new theories that displease many but that will shake the scientific world to its core. However, a few unexpected obstacles interrupt his research. Important elements start disappearing, a string of strange incidents occurs, and even the natural world seems to be lashing out! The crew decides that the ship is cursed and accuses Darwin of being the source of all their problems. Luckily, Jules (the narrator) and Victor, two 11-year-old cabin boys, befriend the odd young man and help him avoid all the traps laid out for him, as best they can... From Bahia to Rio, from the Land of Fire to the Galapagos Islands and Tahiti, they discover the incredible mysteries of living species, their evolutions and what links them all together, alongside the scientist. This research will later be used as the basis for the theory of evolution. A seminal but risky journey...

135 x 200 mm - 288 pages - 13€ - paperback

Writer and journalist, **EDITH PAULY** is passionate about understanding how things work. Simplifying complex scientific and technical ideas for young children gives her an opportunity to share her enthusiasm with a new audience. She lives in Paris.



Pasteur: Sabotage in the Lab

by Mathieu Labonde

Find out about the life and work of Pasteur in a fast-paced thriller!

In July 1885, two 11-year-old twins, Jacques and Lydie, are on a school outing to the Pasteur laboratory in the rue d'Ulm in Paris. While they are there, the dogs being used for tests escape from their kennels. All of them are carriers of rabies or other diseases and they run among in the laboratory. Jacques heroically stops one dog from jumping up at Louis Pasteur but he twists his ankle

in the process. By way of thanks, Pasteur invites the two children to return to the laboratory a few days later. The twins end up spending the whole summer there and witness events that are as worrying as the dogs' escape – some vaccine is stolen, a fire breaks out, the dogs get poisoned... Who is sabotaging Pasteur's research? Could it be a jealous doctor, a former rival, someone who wants to put a spoke in the wheels of French scientific research, or even a German spy? The investigation must be conducted! An opportunity for Jacques and Lydia to understand the functioning of the vaccine and to discover the life and work of Pasteur. Adventures away from any rest!

135 x 200 mm - 240 pages - 13€ - paperback

MATHIEU LABONDE was born in 1974 in a small town in Burgundy where he collected fossils, pebbles, plants, tadpoles and butterflies. He read widely, and was especially interested in history and the works of Jules Verne. He studied literature and then worked in the PR department of the Cité des Sciences (a Paris science museum) before becoming a journalist for popular science magazines.



Who wants To Get Rid of Galileo?

by Mathieu Labonde

Find out about the life and work of Galileo in a fast-paced thriller

Florence, 1633. Galileo is 63 years old. He has been summoned to go to Rome by the Inquisition because of his innovative theories on astronomy that he has expressed in his books, his personal correspondence and in discussions with some of his pupils.

On his way to Rome, he stops off for a few days with his friends the Borghi to prepare his defence. Jacopo and Livia Borghi, 11-year-old twins, are fascinated by the scientist and have hundreds of questions to ask him about his discoveries. Galileo tells them about his life and work but, unexpectedly, his detractors interrupt his stay, threatening his life...

The children have an important part to play in what follows...

135 x 200 mm - 240 pages - 13€ - paperback





Theo Versus The Shark

by Didier Leterq

Theo and his grandfather on the track of William the Conqueror's treasure. Theo's grandfather goes to Normandy to attend a medal ceremony. Theo, his parents and his two friends Electra and Benjamin go with him and, after the ceremony. Theo's grandfather is shocked when he recognises on

the beach the submarine as the one that was commanded by a particularly bloodthirsty Nazi captain, nicknamed the Shark. The submarine houses a machine that could enable him to decipher a message indicating the location of the fabulous treasure amassed by William the Conqueror. An exciting and fast-moving investigation in which the reader takes part in deciphering the enigmas and learns about science and history.

135 x 200 mm - 240 pages - 12€ - paperback

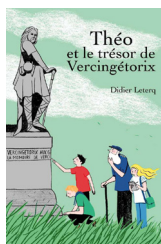
DIDIER LETERQ was head of a nuclear chemistry research department for the CEA (the French Atomic Energy Commission) before joining the Autorité de Sûreté Nucléaire de Défense (The High Authority for Nuclear Defence Security) in 2016.

Also published:

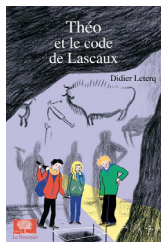
Theo disappears



Theo and the Treasure of Vercingetorix



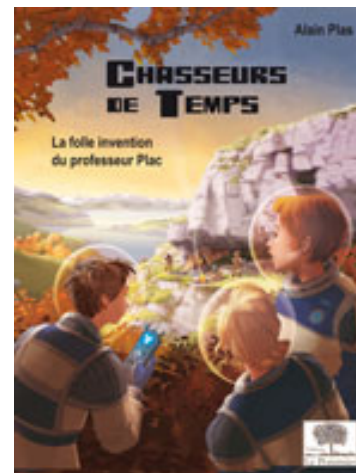
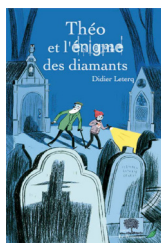
Theo and the code of Lascaux



Theo and the Mystery of the Meteorite



Theo and the Riddle of diamonds



• **Time Hunters**
• **The crazy invention of Professor Plas**

by Alain Plas

Two schoolboys, Jules and Lou, have been chosen by Professor Plas to take part in a very strange mission. They have signed a contract and are sworn to silence about their forthcoming adventures in time and space. By means of

"sapiensometers", a sort of remote control invented by the Professor, they travel back to the time of the dinosaurs and the great glaciers in the mountains of the Jura and the Alps between France and Switzerland. They encounter some strange creatures, notably the first men who settled in the region. There is only one rule that must not be contravened: never try to change the past. Will they be able to resist? This is the first volume of a scientific saga which brings together voyages into the past, adventure, suspense and humour.

135 x 200 mm - 140 pages - 12€ - paperback

ALAIN PLAS works in many different fields and lives in the South of France. Time Hunters is his first children's novel but he is also the author of other stories and collections of poems.



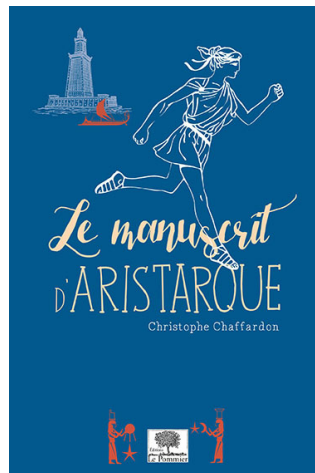
The Olympia Affair The Mathematical Secrets of T. Folifou

by Mickaël Launay,
illustrated by Benjamin Bachelier

When Théodore Folifou died, he left a will which puzzled everyone, and one of his last wishes was that his great-grandchildren should visit the grave of the mathematician Henri Poincaré every year. Ten years later, the great-grandchildren, now aged 18 and 11, solve the riddle of the will and find themselves on the track of a secret Academy founded by Albert Einstein in 1902 and later run by Théodore Folifou. By solving yet more mathematical riddles, the children get into the Academy and discover yet more secrets...

135 x 200 mm - 240 pages - 12€ - paperback

Although only 29, **MICKAËL LAUNAY** has already taken part in the organisation of many events for the popularisation of mathematics and has written two books of mathematical puzzles. This is his first children's novel.



The Aristarchus Manuscript

by Christophe Chaffardon

An exciting adventure in Alexandria in 295 B.C. – and some scientific discoveries.

It is 220 B.C. Ophelia, aged 13, travels from Athens to Alexandria (in Egypt) with her father, a Greek doctor. Soon after arriving there, he is poisoned and dies. But, before dying, he makes his daughter promise to seek out a certain Aristarchus, a Greek astronomer who has written a revolutionary treatise asserting that the Sun is at the centre of the Universe. The manuscript has been stolen. Ophelia searches the city but is pursued by some mysterious characters. She encounters the high priest of Memphis, a strange one-eyed man, Erathosthenes – the director of the Library of Alexandria (which houses 500,000 works) – and the scientist Archimedes. At the end, she manages to recover the stolen manuscript and gives it to the Library for safe-keeping. During Ophelia's adventure, we find out how Erathosthenes measured the circumference of the Earth, how and why Alexander the Great founded Alexandria and what the Great Library was for. We also learn about mythology and various discoveries in the fields of medicine and astronomy.

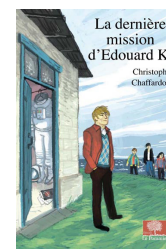
135 x 200 mm - 180 pages - 12€ - paperback

CHRISTOPHE CHAFFARDON trained as an engineer. He is in charge of educational activities at the Cité de l'espace (a museum) in Toulouse.

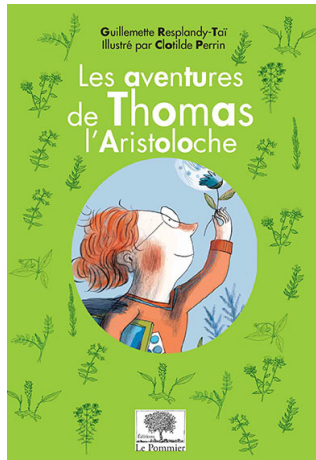
By the same author:



**Balthazar and
Agent Muller's
Secret**



**Last mission
of Edouard K.**



The Adventures of Thomas Greenfinger

Guillemette Resplandy-Taï,
Clothilde Perrin (ill.)

This is a compilation of a series of adventure stories that involve the reader in finding out about the plants that surround us and their various uses. Apart from the narrative, at the end of the

book there is documentation on the plants mentioned: their scientific names, their uses, anecdotes, diagrams, illustrations and references. An original work both in terms of subject (botany in the form of fiction) and language (Thomas is 12 years old and expresses himself with all the directness of his age). The compilation comprises three volumes of Thomas Greenfinger's adventures: Thomas Greenfinger and the Mad Poisoner • Thomas Greenfinger and the Secret Of Basil • Thomas Greenfinger and the Blue Affair. The Thomas series also has its own blog!

www.thomaslaristoloché.blogspot.com/

135 x 200 mm - 400 pages - 15€ - paperback

GUILLEMETTE RESPLANDY-TAÏ holds a doctorate in pharmaceutical science. She works in industrial research and has a fascination for botany. She has written several children's books, mostly on the themes of plants, history, crime detection and travel. She is a regular visitor to primary and secondary schools where she talks about her passion for writing and botany.



The Adventures of Fisie Ka

by Blandine Pluchet,
Virginie Rochetti (ill.)

This is a book of experiments: an anthology of 5 adventures featuring Fisie Ka, a little girl who is curious about everything around her. Because she has known for a long time

that adults don't have all the answers, she decides to look for the answers herself in the company of her best friend Trognon, a very greedy hedgehog. With the help of the Great Medicine Man of the village, she gets to grips with some basic physics and manages to understand why certain things happen.

135 x 200 mm - 288 pages - 15€ - paperback

BLANDINE PLUCHET is a research physicist with a love of creative writing who created the character of Fisie Ka in order to communicate her knowledge to young readers.

VIRGINIE ROCHETTI designs theatre sets and posters, backgrounds for cartoon films, and has illustrated books such as Jacques Rebotier's *Les Trois jours de la queue du dragon* (The Three Days of the Dragon's Tail) (for Actes Sud Papier).



The Little Marten in the Moonlight and Other Animal Stories

by François Moutou,
Valérie Besnard (ill.)

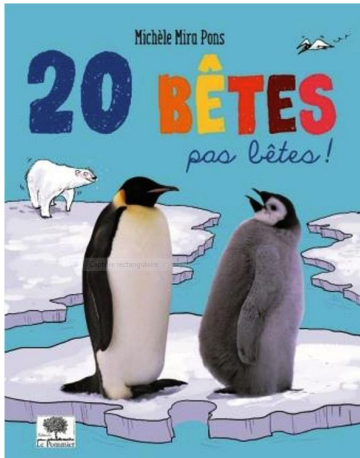
Unusual stories about unusual animals...

This is a collection of stories by a vet who has travelled all over

the world. The stories are all true and are very different – the only thing they have in common is that they are all about animals living in the wild. Funny or sad, the anecdotes teach us a lot about some extraordinary – and sometimes forgotten – animals as well as about where they live. The illustrations are all done from photographs taken at the time.

135 x 200 mm - 192 pages - 13€ - paperback





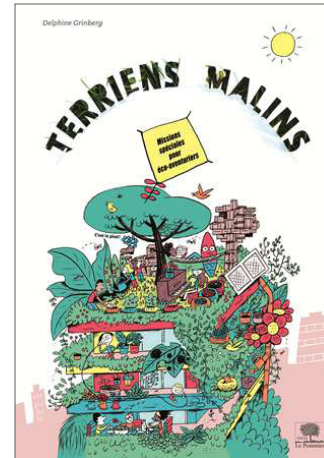
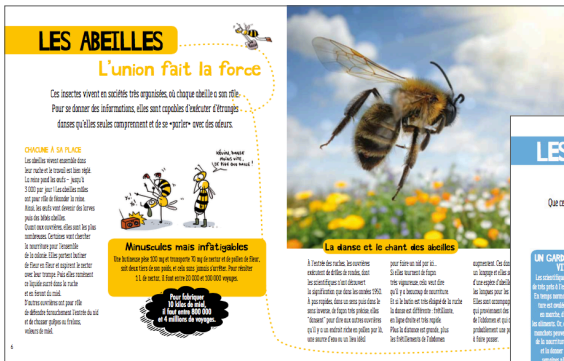
20 clever creatures

by Michèle Mira-Pons, illustrated by Zelda Zonk

In the natural world, a lot of animals and insects show some of the most amazing characteristics and talents: the otter uses its stomach as a tray, the beaver is an incredible architect when it comes to designing and building a dam, the elephant "honours" its dead... These abilities have been developed as a means of surviving in difficult conditions and, very often, such "intelligence" has been a source of inspiration for us. For example, wasps have influenced

paper-making, dragonflies inspired the invention of drones, the sea cucumber's defence mechanism is of possible use in surgery, the skin of tropical frogs is a living medicine cabinet that may help revolutionise drugs... In this first volume, we find out about the special talents of bees, alligators, sperm whales, goldfish, bats, chimpanzees, sea cucumbers, shrimps, elephants, giraffes, frogs, wasps, dragonflies, otters, penguins, scarabs, scorpions, termites and leatherback turtles. All illustrated with a touch of humour.

170 x 240 mm - 144 pages - 15,90€ - paperback



Wily Warriors

Special Missions for Young Eco-warriors

by Delphine Grinberg, illustrated by Vincent Bergier

This work shows young children how they can contribute to the protection of the planet. It is full of things to do on a daily basis and things to think about. The book provides a really original approach to ecological concerns and is a mine of information about the environment. Furthermore, it gives tips that are easy to understand and sets tasks that are great fun to do.

170 x 240 mm - 144 pages - 15,90€ - paperback





Living

by Michel Puech & Olivier Balez (Illus.)

Philosophers say that, in order to live life like a human being, you have to have decided how to live it, i.e. you have thought about it, you have looked at other possible lifestyles and their effects, you have made a decision and you have-

put your decision into effect. In this way, human life is given a value and it achieves something more than just biological survival.

For a human being, living is not just functioning properly from top to toe, it is creating strong bonds with people, places and objects.

Living is not just survival.

120 x 200 mm - 80 pages - 12€ - paperback



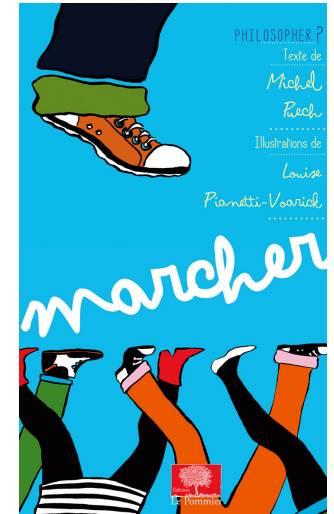
Explaining



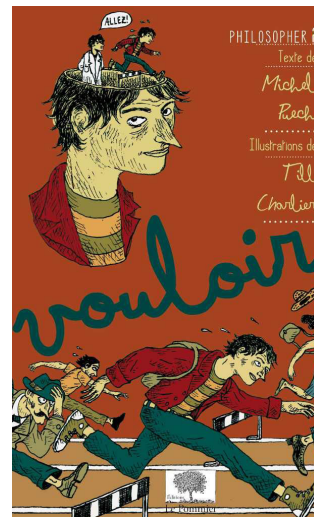
Throwing Away



Loving



walking



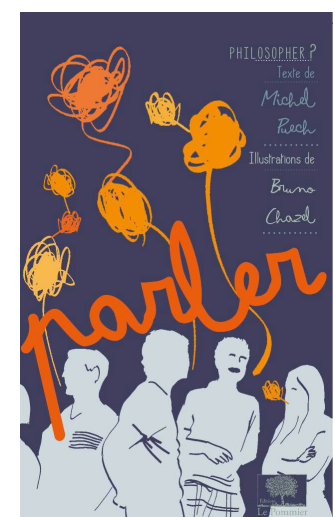
wanting



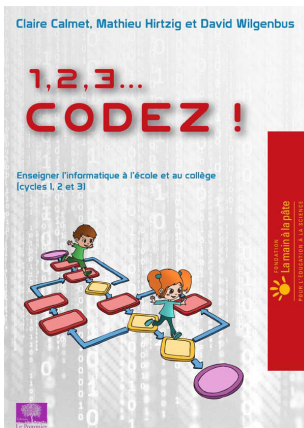
Shame



Eating



Talking



1, 2, 3... code it! Teaching computer science To children (Kindergarten and elementary school)

by Claire Calmet, Mathieu Hirtzig & David Wilgenbus

There are many reasons why computer science must be taught to everyone, from a very early age:

- to prepare children for their future careers;
- to help them understand and have control over the world around them;

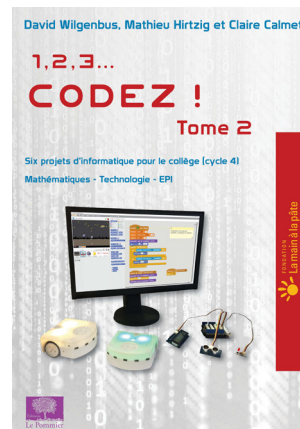
- to make them aware of what is involved in being a citizen and part of a community;
- to develop their creativity and their ability to work in a team.

The "1, 2, 3... Code it!" project, developed by the La main à la pâte Foundation with the support of the scientific community (notably INRIA, the French Institute for Research in Computer Science and Automation) aims to introduce pupils and teachers to computer science, from primary school up to the first year of secondary school. It proposes "connected activities" (which require a computer, a tablet or a robot) which introduce the basics of programming, as well as "unconnected activities" (without a computer) which deal with the basic concepts of computer science (the algorithm, language, data...).

210 x 297 mm - 300 pages - 19€ - paperback

CLAIRE CALMET is a trainer and in charge of contacts with companies and research organisations.
MATHIEU HIRTZIG is webmaster and science mediator.
DAVID WILGENBUS coordinates the production and distribution of resource materials for teachers.
All three authors are with the Main à la pâte Foundation.

Find out more about the Foundation **LA MAIN À LA PÂTE** :
<http://www.fondation-lamap.org/en/international>



1, 2, 3... code it! Book 2 (Middle school)

by Claire Calmet, Mathieu Hirtzig & David Wilgenbus

After the success of the ambitious educational project 1, 2, 3... Code it!, which was designed for teachers to introduce computer science to young children up to the first year of secondary school, its three authors – all members of the Main à la pâte Foundation – have produced new material for teachers of older children (aged 12 to 15). The book consists of six projects spanning mathematics and technology and including programming, cryptography and robotics. Some of the projects can involve teachers of other

subjects. Material has been tried and tested in the classroom. The book also offers scientific explanations to help teachers with the basic knowledge implied by each project and an insight of the learning process to help teachers begin these new scientific activities.

210 x 297 mm - 360 pages - 21€ - paperback



Scientific Thinking, critical Thinking Volume 1 (Elementary school)

by Elena Pasquinelli, Gabrielle Zimmerman

To understand the world around us, to avoid early conclusions and to prevent being limited by our own opinions... these are our challenges in the everyday life. We also face a superfluity of information. How can we deal with all this data?

It is in this context that the foundation *La Main à la Pâte* have developed a project "Critical thinking, scientific thinking".

This project proposes to teachers and students methods to improve their ability of understanding the world: by observing, testing, assessing the information and using it to argue. To improve the ability to collaborate and to help each other, to foster imagination that is the source of innovation.

The book proposes to the teachers methods to help children to learn how to think in a scientific and independent way.

210 x 280 mm - 304 pages - 29€ - paperback



Travel to Geometry

by Jean-Louis Brahem

Jean-Louis Brahem invites us to travel to Geometry, one of the united states of the mathematics. The best way to enter Geometry is by the border post of Cubeville, which is a city of a thousand right-angled corners, and to continue the travel by the Ocean, this will be the best touristic route. The travelers will cross the Shapes valley, will fly over the islands of the Middle Sea and end up their journey in the Endless desert with its Ombropolis ruins. On their way, they will meet parallelepipeds, inclined surfaces, spheres... the components of the surrounding world. The travelers will also learn how to use the graphic tools to draw in two dimensions our 3D world.

Mathematics lovers, teachers, students in architecture and design will enjoy the trip!

170 x 240 mm - 192 pages - 23€ - paperback



The stories of Geometry and Geometricians

by Jean-Louis Brahem

From the Babylon gardens to the royal château d'Amboise, from Nebuchadnezzar to Francis I, this book features four imaginary characters exercising the "the field work" in geometry, useful in everyday life and architecture.

The first geometricians, the foundation theorems, the discoveries but also some questions are featured in the narration. Pythagoras and Thales of Miletus, the golden ration and Pi, squaring the circle, rosettes drawings and church apses, drawing the perspectives, shadows and reflections will reveal their secrets.

170 x 240 mm - 288 pages - 27€ - paperback



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Galina Grekhova
e-mail : g.grekhova@syllabes-agency.com
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