

Millie micro nano pico

by Tiziana Stoto

Book 3 in which Millie meets some photons
at the playground



●Waiting for night time is so boring.
There isn't even a mouse to keep me busy.

● Finally, it's dark. Off we go!



MILLIE

MICRO

NANO

PICO

MILLIE

MICRO

NANO

PICO

MILLIE

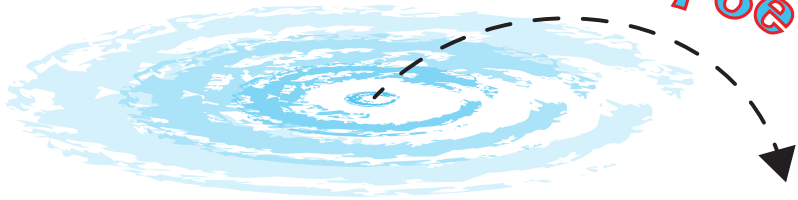
MICRO

NANO

PICO

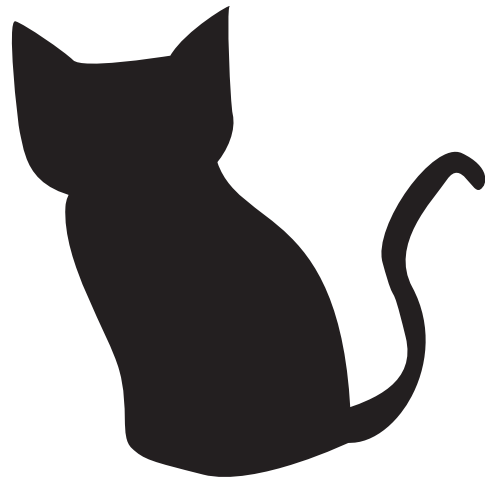


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▲ Hi Millie.
I'm by myself today.
Shall we go to play with the
photons?

● Hi Elvin.
That sounds exciting.
Who are the **photons?**



▲ Let's go to Bosonville
and you will see.

▲ Cool, a slide. I love slides.



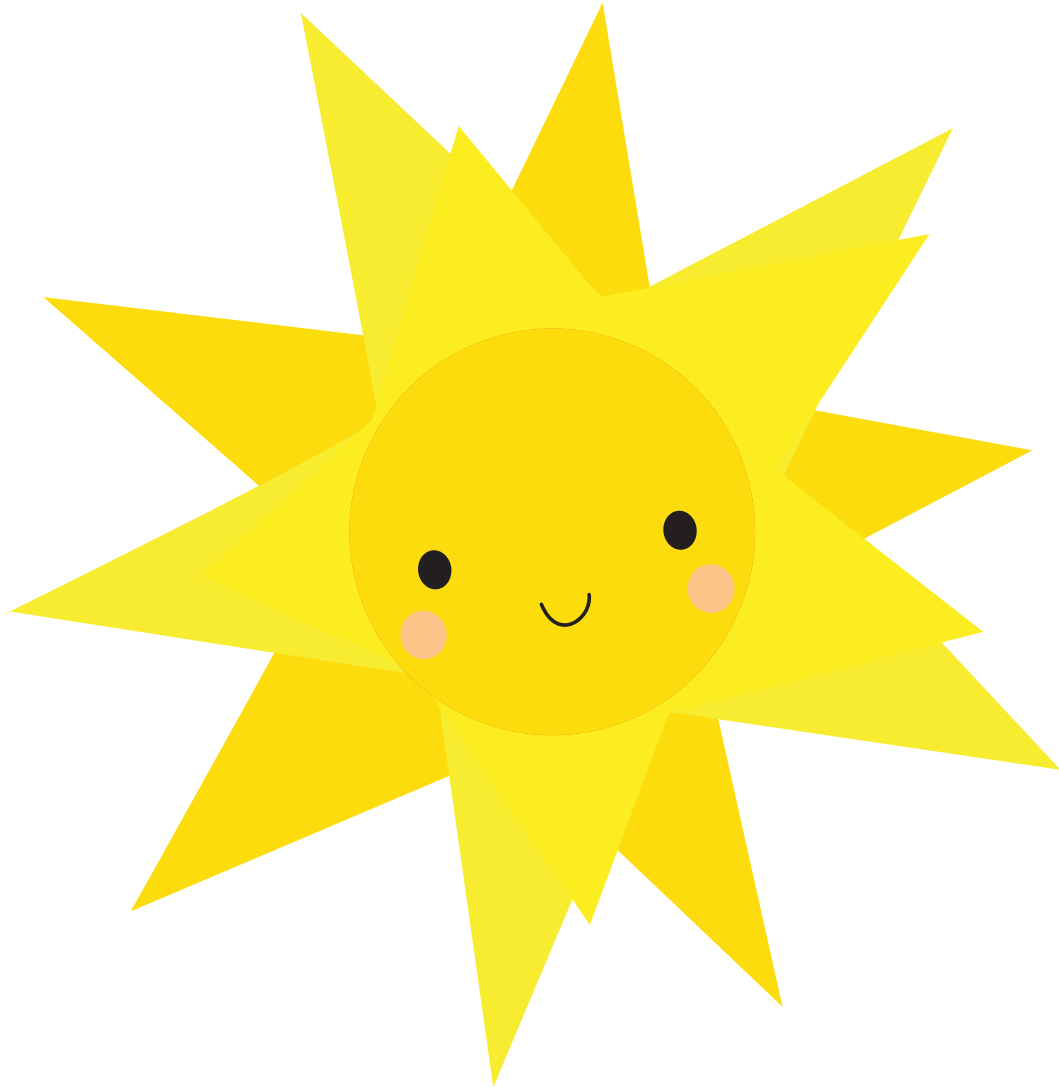
● Jump on, then.
What are you waiting for?



▲ I can't jump by myself, I need a **photon**.

Lucille! Lucille! Can you come, please?

▲ Hi Lucille. This
is my friend Millie.



★ Hi Millie. Welcome to Bosonville.

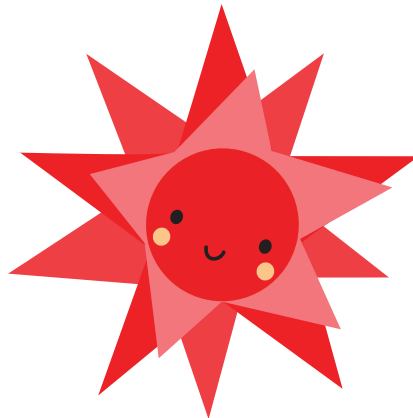
● Nice to meet you Lucille.

Millie micro nano pico Book 3 is a playful description of the interaction between electrons and photons. At first, Millie is confused by the game that the particles play, but after learning about energy levels, quantisation and in particular the law of conservation of energy, she starts having fun.

The ideas in this adventure are related to the photoelectric effect, which is impossible to understand in terms of classical physics. Einstein was awarded the Nobel prize for his explanation of the effect. This was one of four remarkable discoveries he made in 1905, which included the theory of relativity.

The physics concepts in this story are important for the production of electricity from solar energy, and for the operation of modern electronic devices, like smartphones, computers, and cameras.

This series of books will stimulate children's curiosity. Questions are more than welcome. Send Millie a message at millie.kolorato.com or on Facebook at www.facebook/milliemicronanopico/.



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