

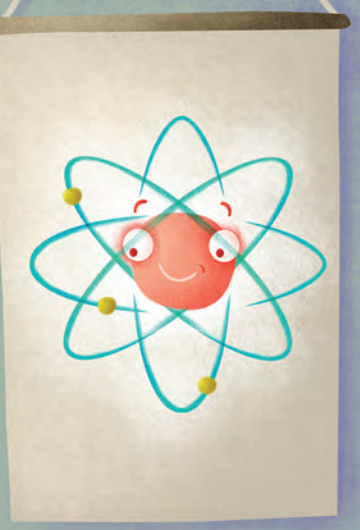


Pavla Hanáčková · Adela Režná

THINGS NOT SEEN BY THE NAKED EYE

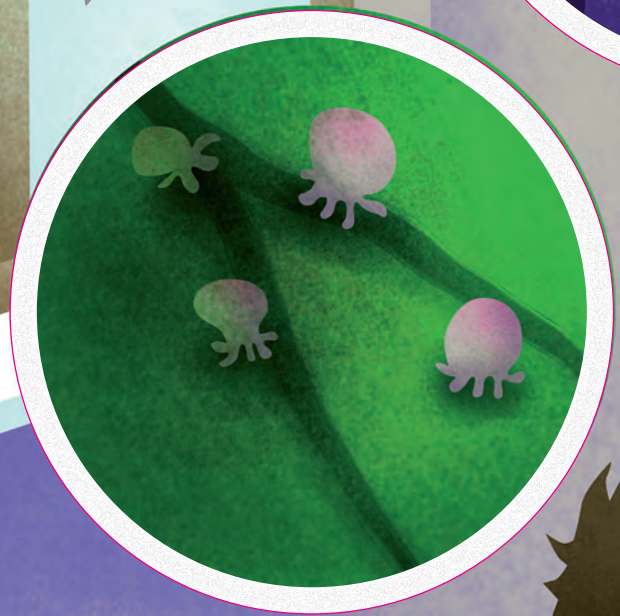


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BACTERIA

VIRUSES



MITES



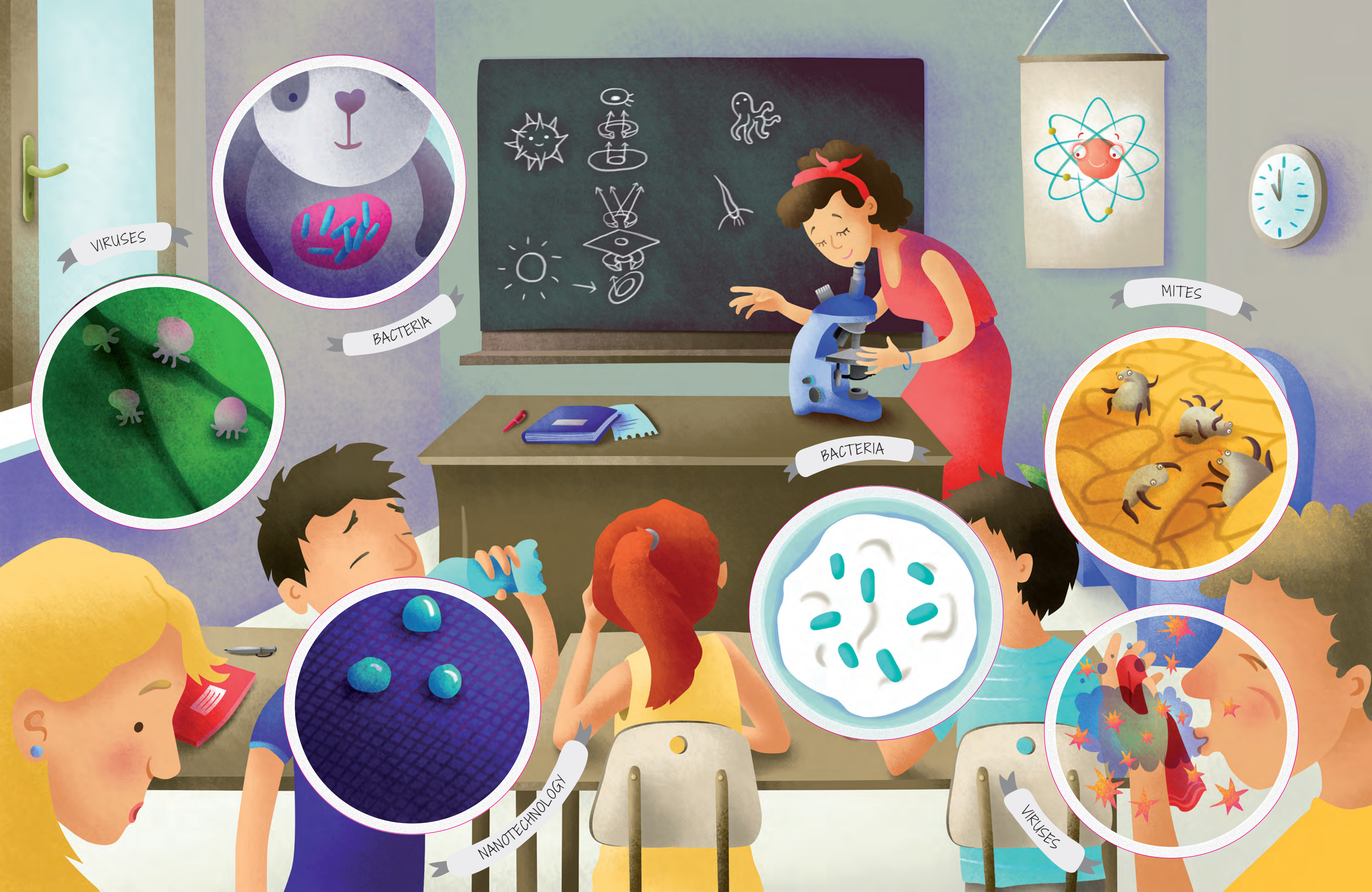
BACTERIA



NANOTECHNOLOGY

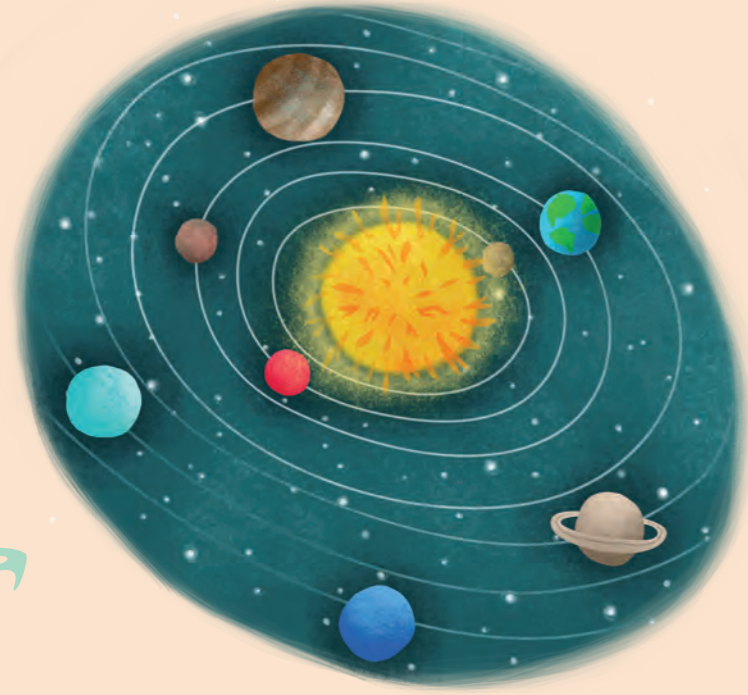


VIRUSES



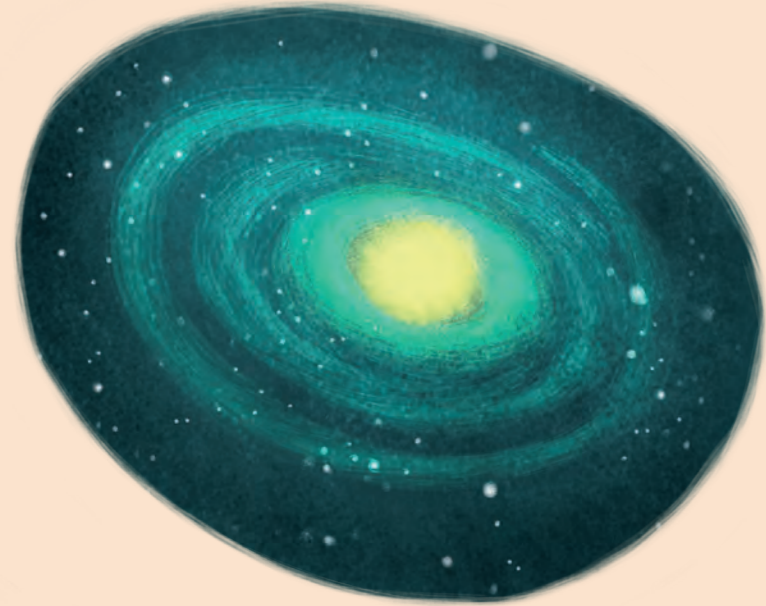
SOLAR SYSTEM

Our planet is located in the solar system, which we might call its "neighbourhood". There are also other planets and celestial bodies. Compared to the size of the entire universe it is just a tiny spot.



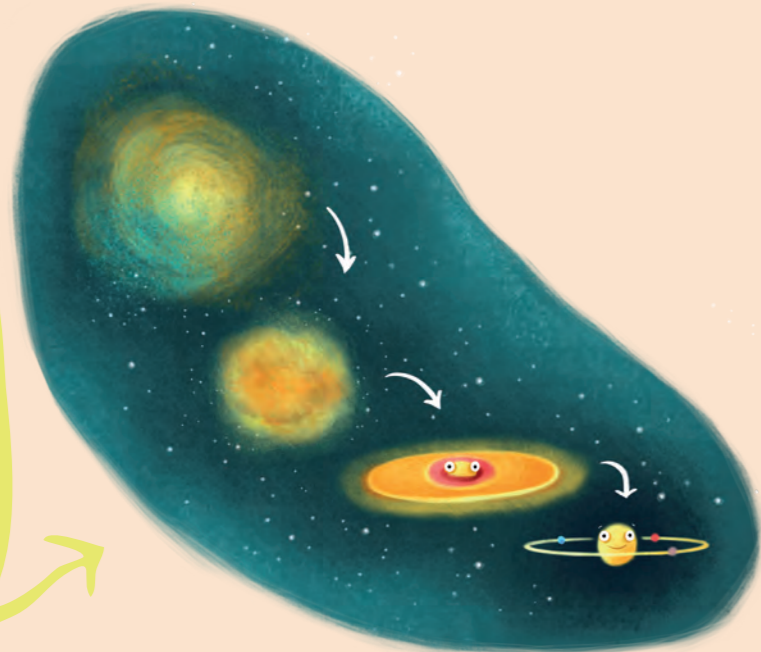
MILKY WAY

The solar system spreads through the huge galaxy – milky way. It is called so, because of its "milky" appearance. It is huge and full of stars! In comparison with other galaxies, however tiny. The universe is really a huge place!



BIRTH OF STARS

I am sure you have watched stars on a clear night. But how are stars born? Almost magically. In clouds of interstellar dust and gas. The gas starts to contract, tiny particles start to connect into a ball shape and then in the core occurs reaction lighting up the star. The entire process takes a very long time!



WARNING
The picture does not show all of the planets in the solar system in relative size - they would not get into the picture. Only Jupiter alone is 11 times larger than Earth.

BLACK HOLE

COMETS

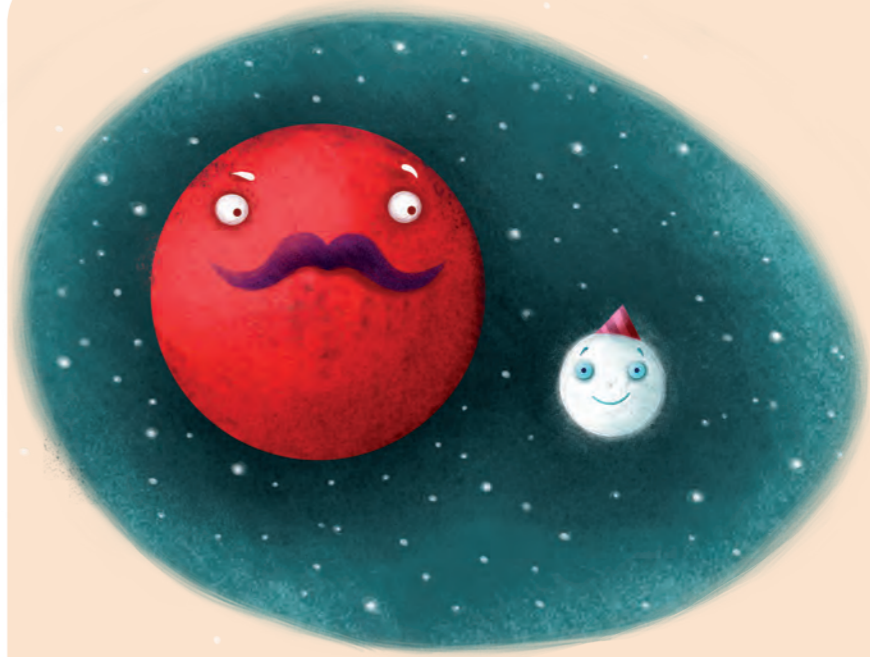
SOLAR SYSTEM

SPACE SHUTTLE

INTERNATIONAL SPACE STATION

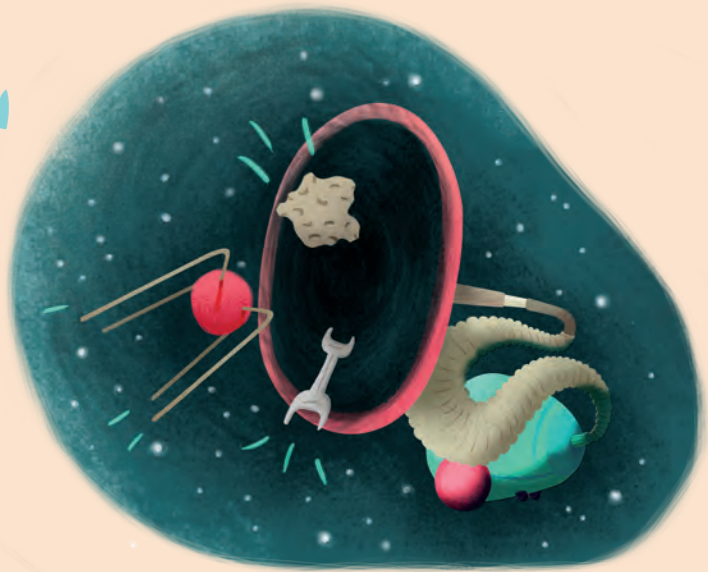
EXTINCTION OF STARS

When a little star exhausts, it begins to slowly crumble and shrink. When it is reduced to the smallest possible form the neutron star or white dwarf is born. Those are the final stages of star's life.



BLACK HOLES

When a big star collapses a black hole is created. It is like a Hoover which absorbs everything around it. Stars, gasses and even light! Fortunately, they are very distant from the earth. Phew!



GRAVITATION

Do you know what power is the most important in the entire universe? Gravity, of course! All objects having the weight impact each other with a force. We stand firmly on the ground and do not fly in the air like balloons. When we fall, we hit the ground hard. Astronauts enjoy floating in outer space, where they experience weightlessness.





THINGS NOT SEEN


BY THE NAKED EYE

Written by Pavla Hanáčková
Illustrated by Adela Režná


Come with us to discover things that are too small, too large, too slow or too fast to be seen by the naked eye. We'll take a close look, too, at the inside of things and what is in darkness. What are all the things that are alive in your body? Do you know what's in outer space? And what invisible things are all around us? When you open the flap and lift the window, you'll see immediately that things around us aren't as they seem.



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 WARNING: CHOKING HAZARD - Small parts. Not suitable for children under 36 months.