

# Public Hpalth for V children

## INTRODUCTION

Dear parents and dear children,

You are holding in your hands a book that will give you basic advice on how to be and stay healthy.

Health, of course, should not be an end in itself, but the mean to enjoy the joys of life. Only if we are healthy can we enjoy them. Consider that even a small fever deprives you of the game and increases the anxiety of the parents.

If we follow, without exaggeration, some basic rules of hygiene described in this book we will manage to be sick less days, and therefore we will enjoy more the game with our friends and the relaxation that we all need so much. We will have the same results if we follow the advice on accident prevention, since there will be less chances of happening an accident to us.

If we follow the nutritional advice we will have well-being and more strength and endurance for the game, but also a clear mind to finish our lessons efficiently and quickly.

The authors of the book have made an effort to select the most important rules for the prevention and maintenance of our health. The combination of text and illustration will help you to understand better these tips. If we adopt some basic rules of behavior in order to protect our health then we will have taken a big step towards securing our happiness.

#### Evangelia Mavrikaki

Professor of Biology and Health Education. Pedagogical Department of Primary Education, National & Kapodistrian University of Athens.

#### Public Health for children



## INTRODUCTION

Dear parents and children,

On the occasion of the last period all together, young and old, we spent difficult days staying at home in order the transmission of the corona virus to be reduced. All together we found the need for knowledge of Public Health. Unfortunately, until today we had not paid the necessary attention to Public Health, all young and old. This pandemic has been a challenge for everyone. It has changed our daily lives in ways we could never have imagined. Children are observant. They pay attention to what's around them and are exemplified by the adults in their lives. In these cases, parents need to lead by example in the ways we deal with Public Health issues.

Parents, family members, and other trusted adults can play an important role in helping children understand what they see and hear about Public Health issues in a way that is honest, accurate, and minimizes anxiety or fear.

The book includes five basic sections of Public Health and

strives in a child-friendly and cognitively easy way to familiarize them with Public Health terms, minimize their stress and reduce their anxiety. At the same time, the book will try to educate parents and children together and give a start to discussions within the family about the basic issues in Public Health.

The entire editorial team and I hope that you will enjoy the book and that it will be a valuable tool for our knowledge in Public Health.

**Apostolos Vantarakis,**Professor of Hygiene, Department of Medicine,
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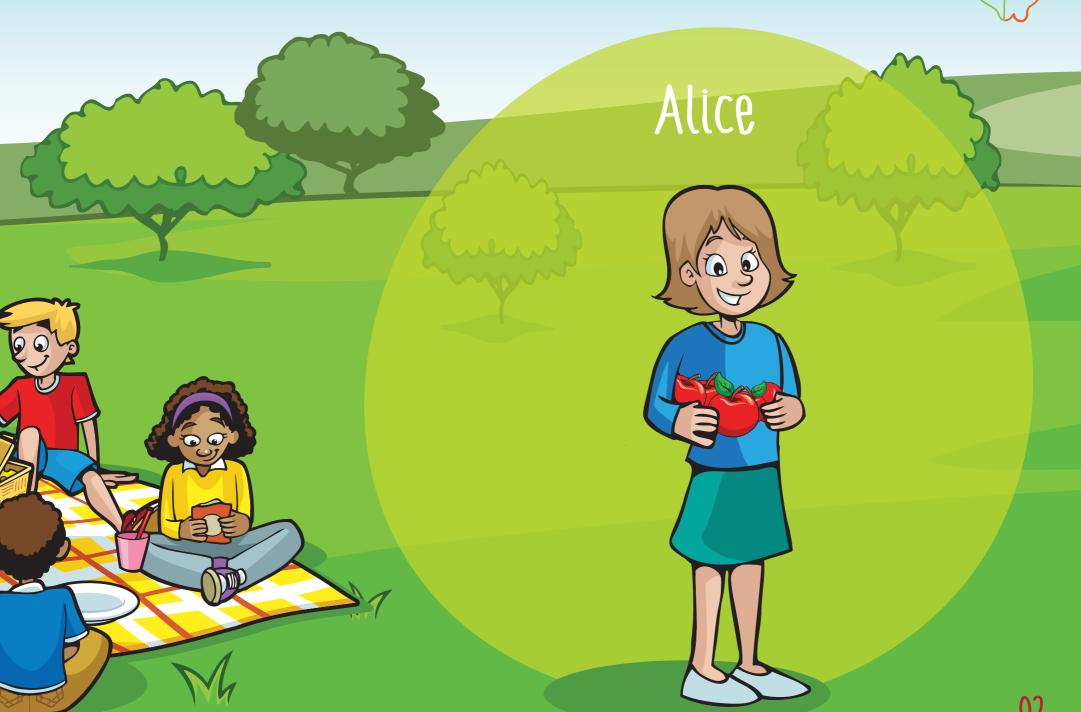






## Public Health for children







Diet for children older than 2 years old.

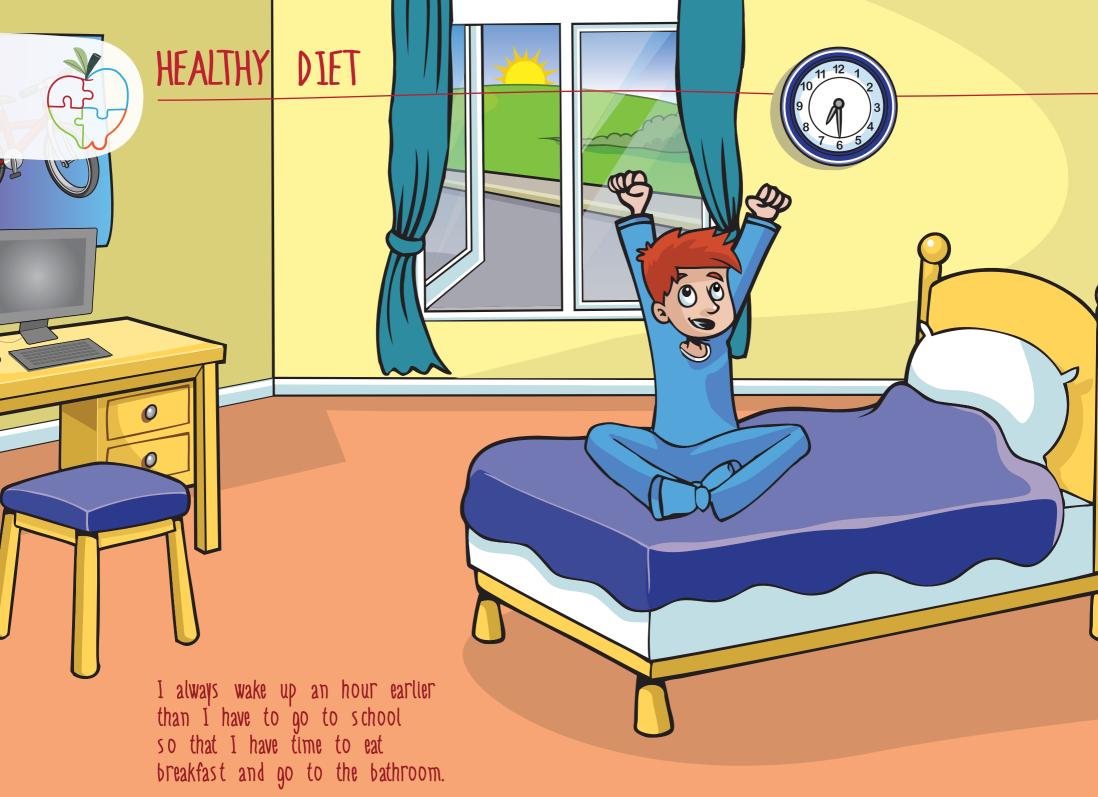




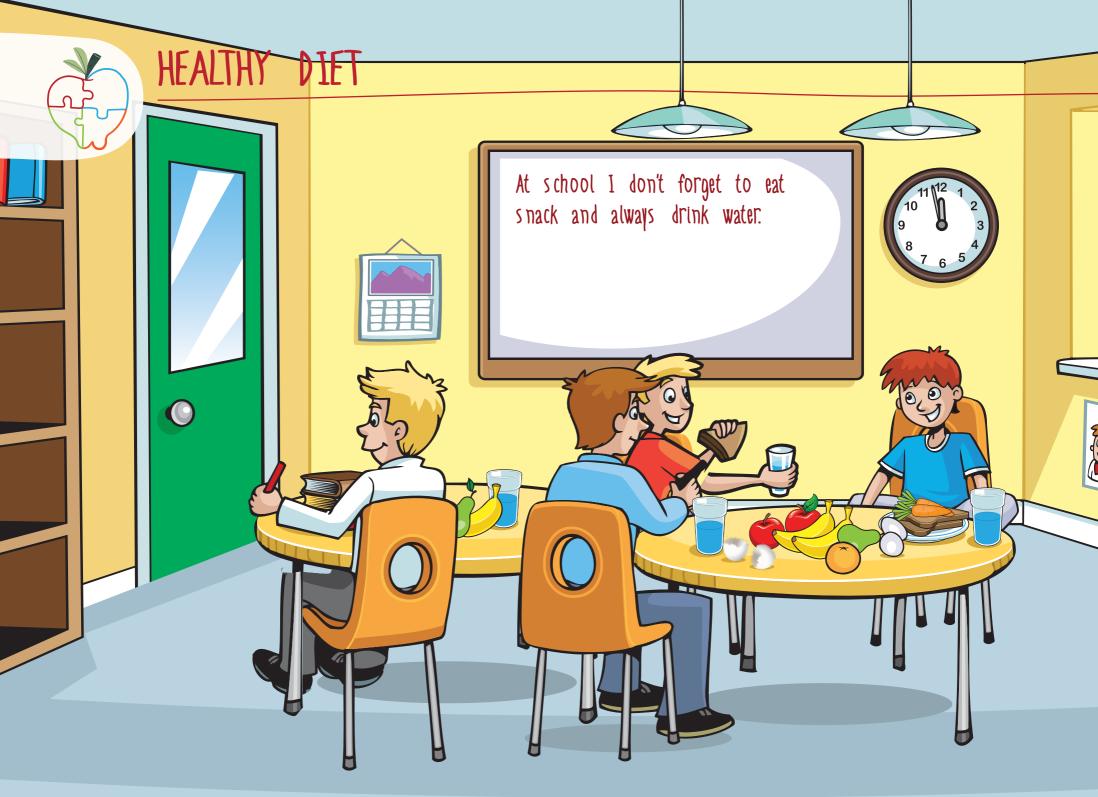


# I eat every day healthy breakfast!









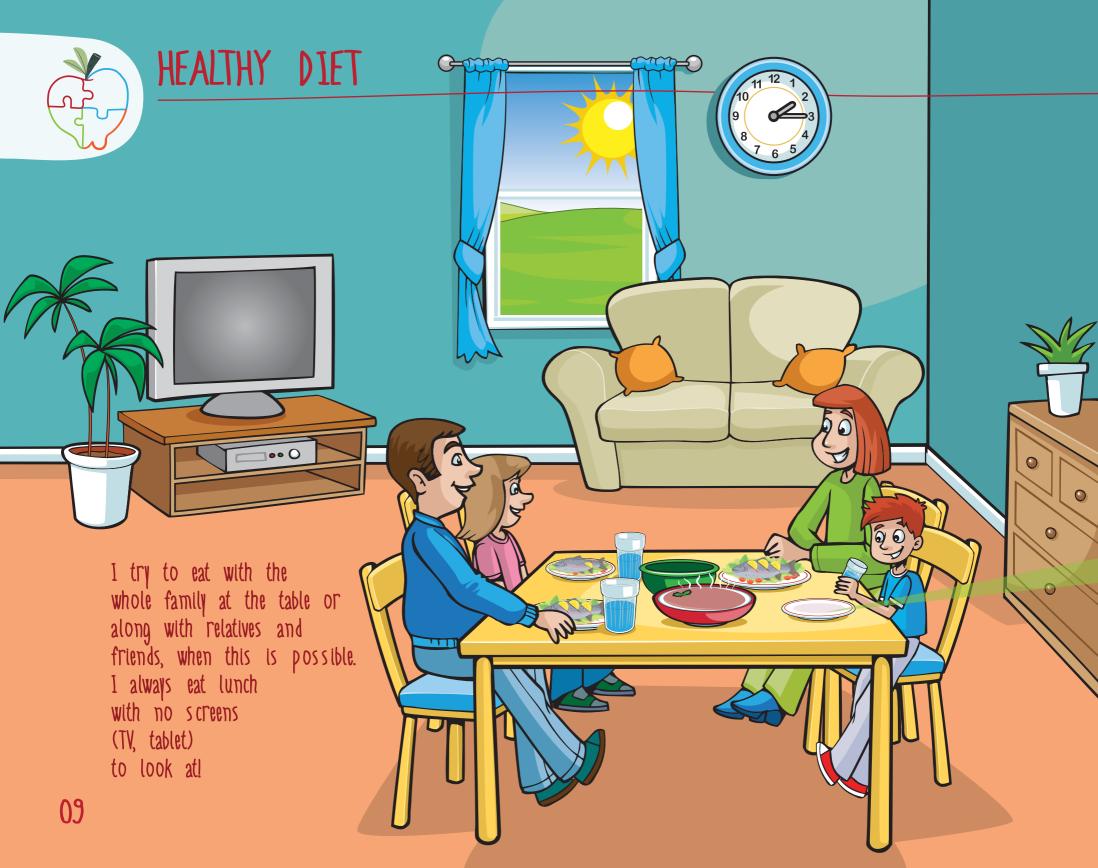






I don't drink soft drinks and I don't eat chips.







### MY PLATE FOR HEALTHY EATING

#### WATER

I drink water or if I want something besides water, I drink natural juice without added sugar. I avoid sugary drinks.



#### FRUIT

I eat fresh fruit.

# LIQUID FOOD I use healthy

I use healthy oil like olive oil for cooking, in salads and at the table. I limit the butter. I avoid saturated fat.



#### VEGETABLES

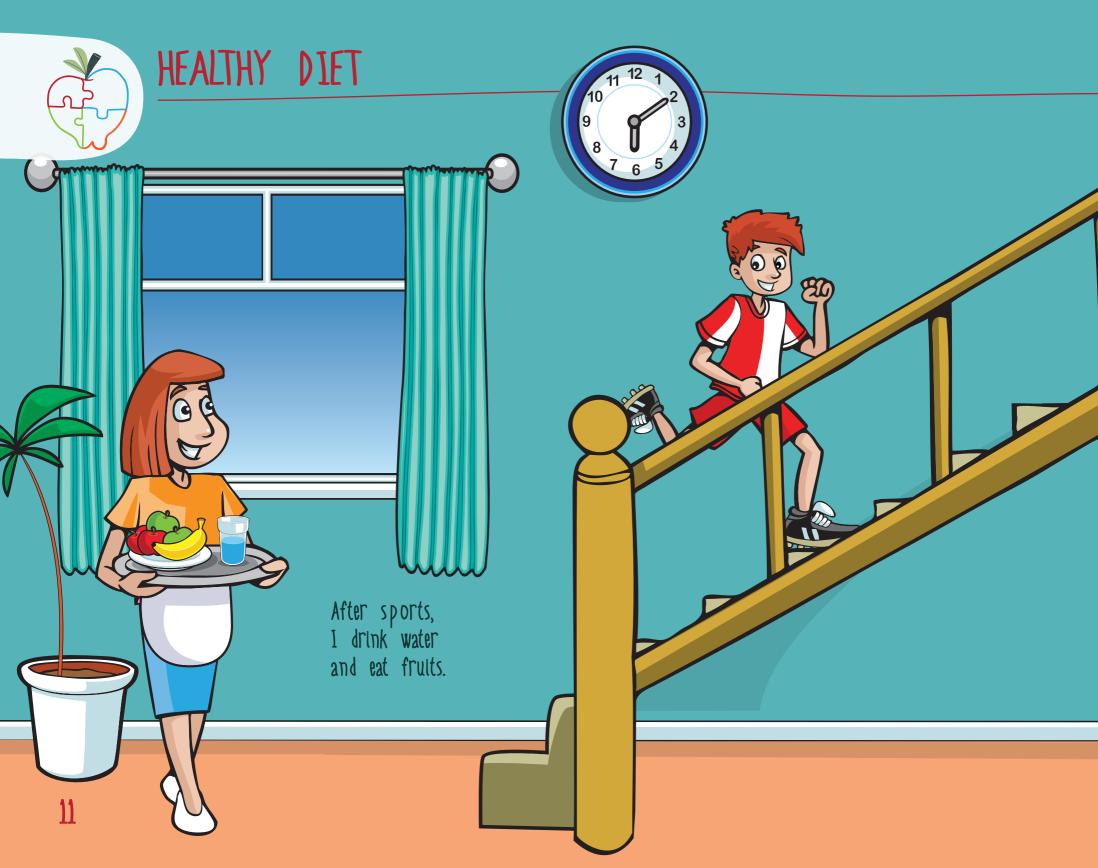
The more vegetables I eat the better. I don't eat fried food (or fries).

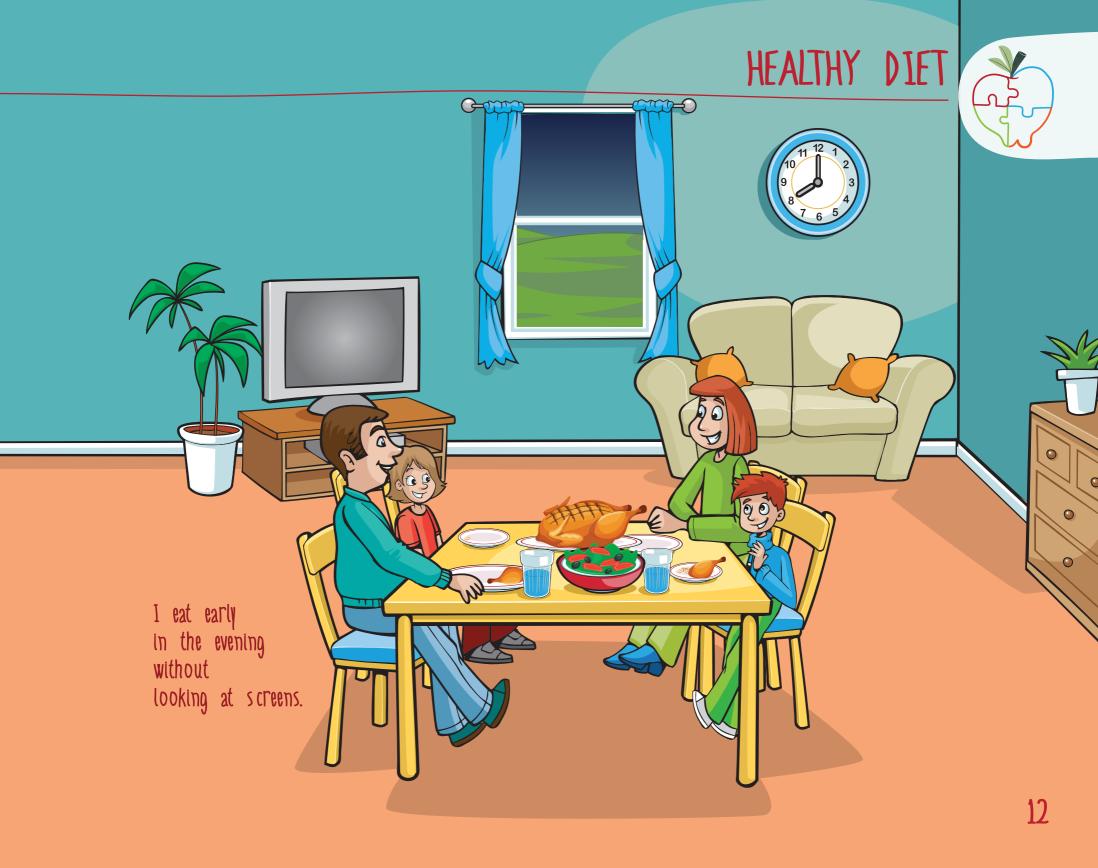
#### PROTEINS

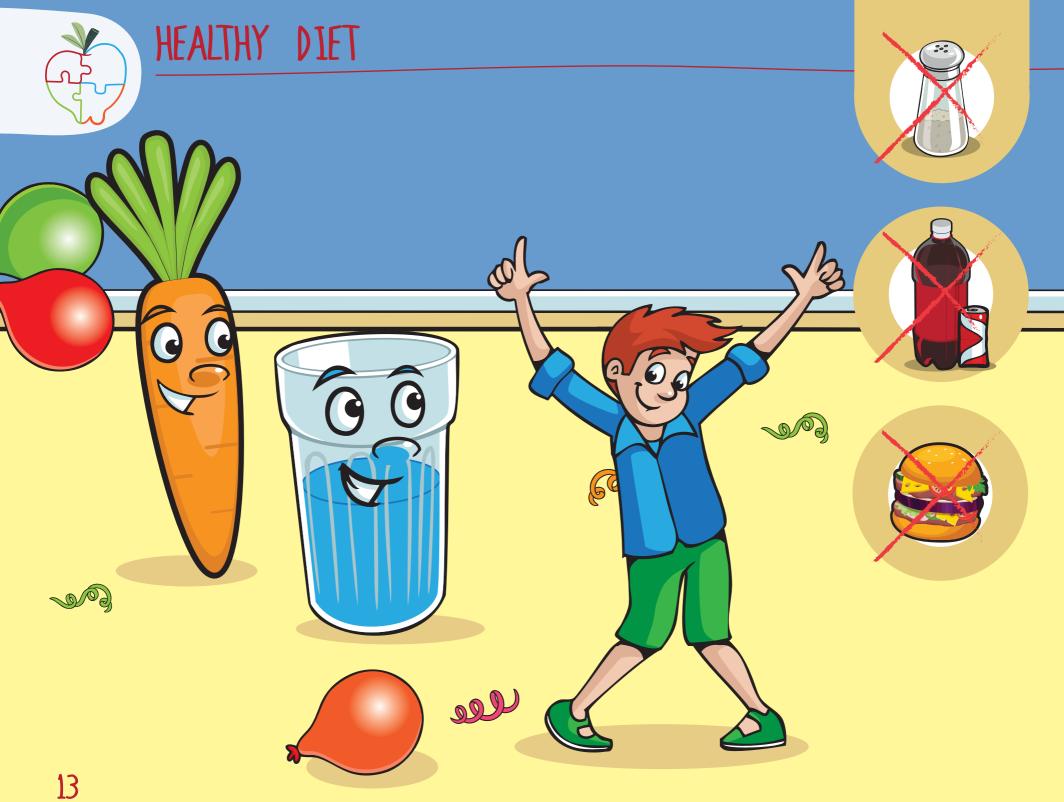
I choose fish, poultry, beans, nuts.
I avoid red meat, bacon, charcuterie and other processed meats.

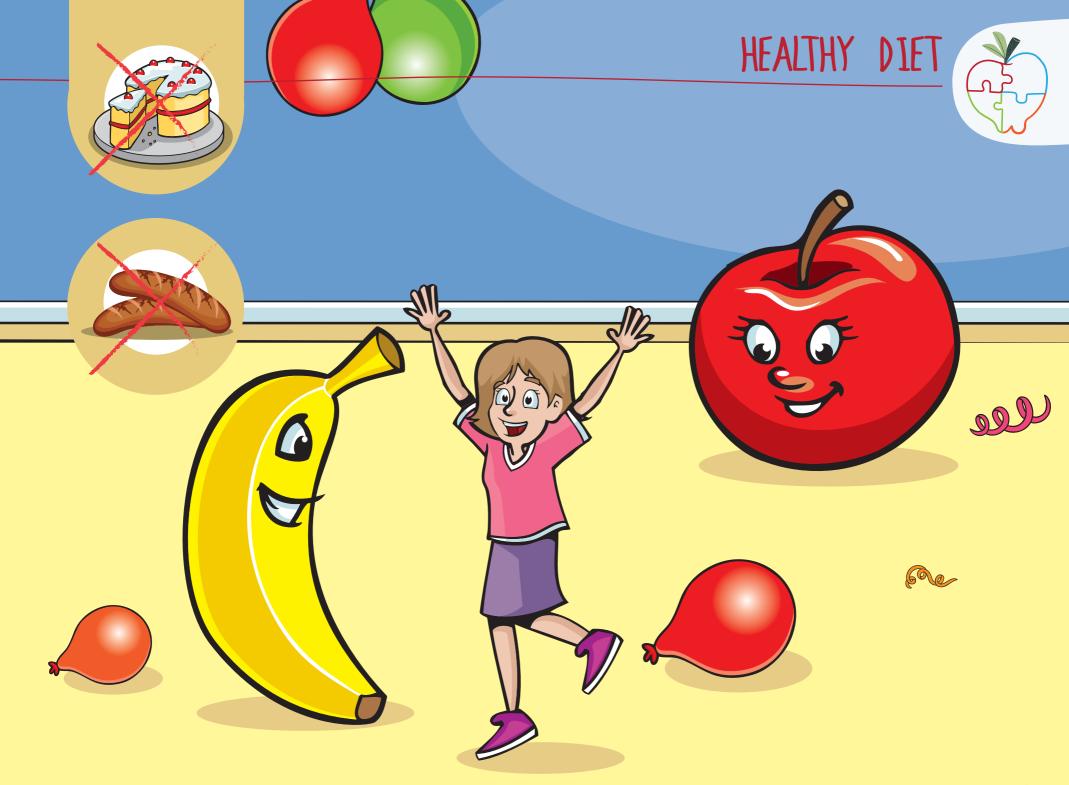
#### CEREALS

I eat a variety of whole grain foods such as bread, pasta, brown rice. I limit refined grains such as white rice and white bread.











# PHYSICAL ACTIVITY ACTIVE LIFESTYLE





I ride a bike,
I play sports in nature with joy.

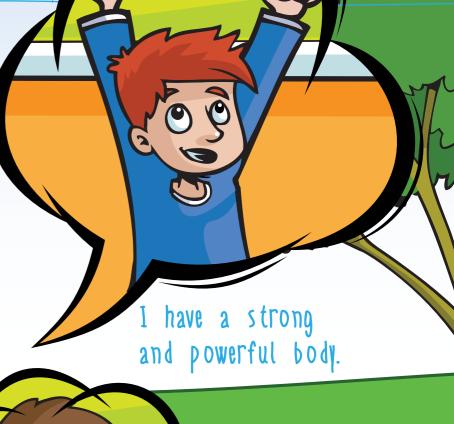


# PHYSICAL ACTIVITY ACTIVE LIFESTYLE



I am a happy child and have a good mood.

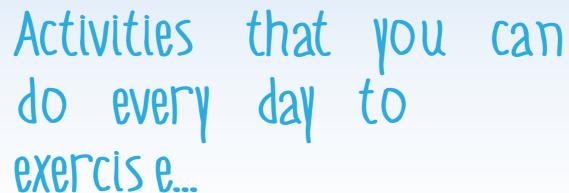
I exercise to:

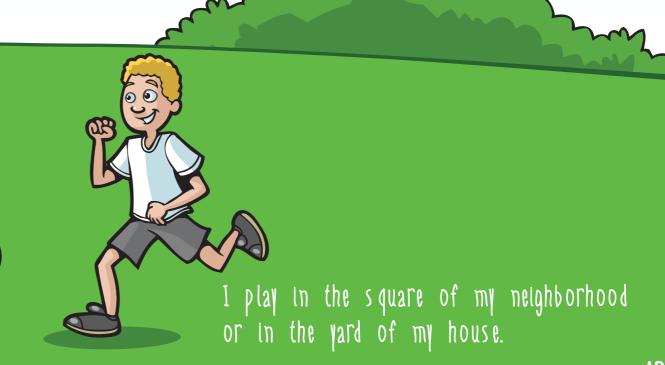


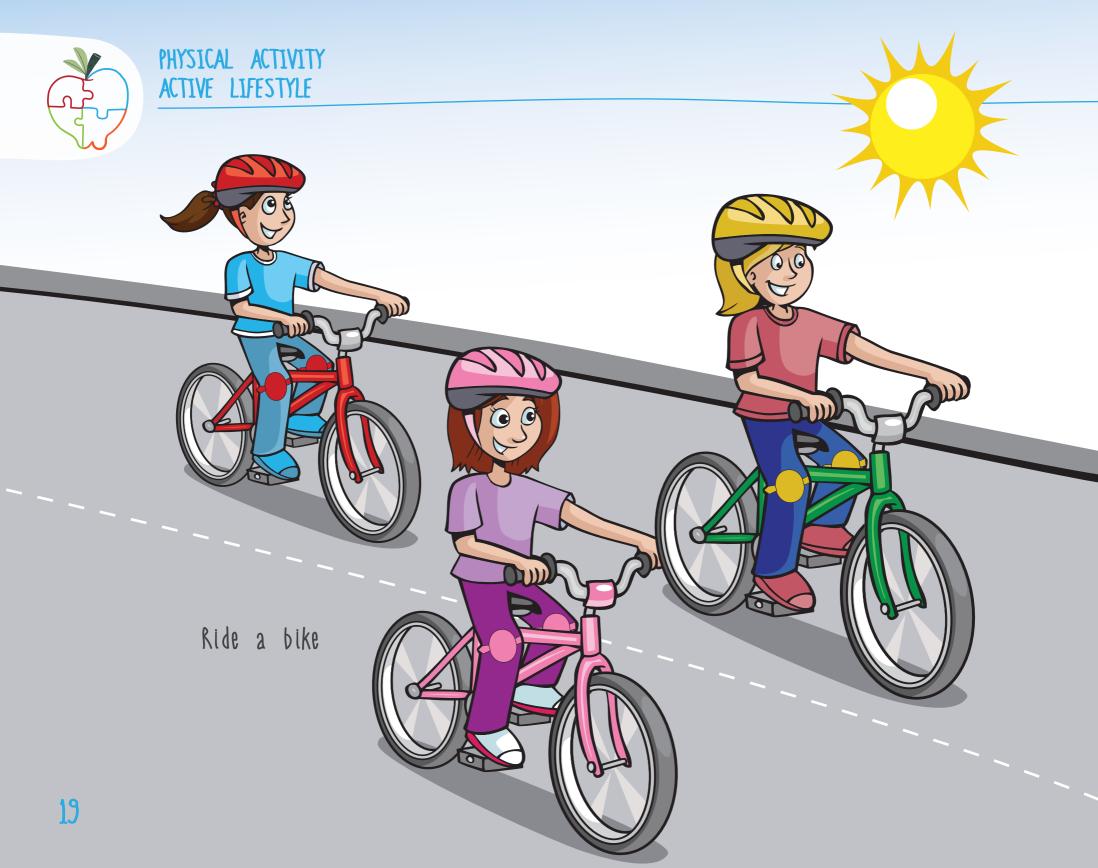


So that I don't gain too much weight.











I play classic games like hide-and-seek, chase, rubber, apples (ball game).



I walk as much as I can.

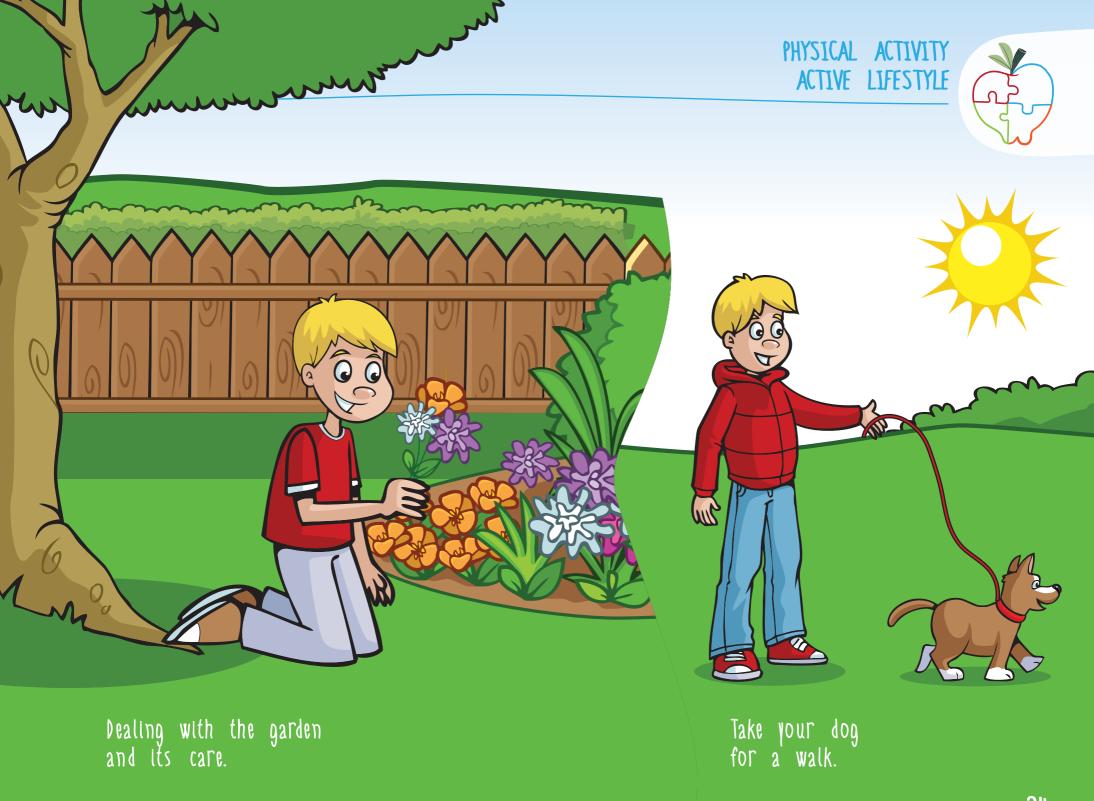






# Some "different" activities you can do are:











#### ACCIDENT PREVENTION

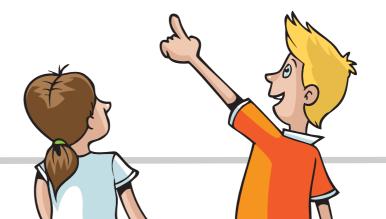
#### INTRODUCTION FOR PARENTS

The term accident is defined as any discontinuous (instantaneous) event that causes physical or mental damage and indicates that it is an event that is due to a lack of luck and is unforeseeable by the sufferer. When it comes to child accidents, teachers and parents witness accidents at school or at home that could be prevented.

Children are characterized by immaturity and inexperience. The curiosity and exploratory tendencies do not usually go hand in hand with the maturity required to evaluate risks and develop the skills to avoid them. Children are unable to control their impulses and predict or understand the consequences of their actions. Usually, they estimate the size of objects as well as persons based only on their height and cannot separate the real from the imaginary since the ability to differentiate and multidimensionally perceive the stimuli they receive from the environment is not fully developed.

At these ages the ground is fertile even the role of the parent and the teacher is decisive as they are role models that guide and inspire.

By teaching children how to recognize the dangers around them, we not only protect them from accidents, but also create a prevention mindset that will protect them throughout their lives.

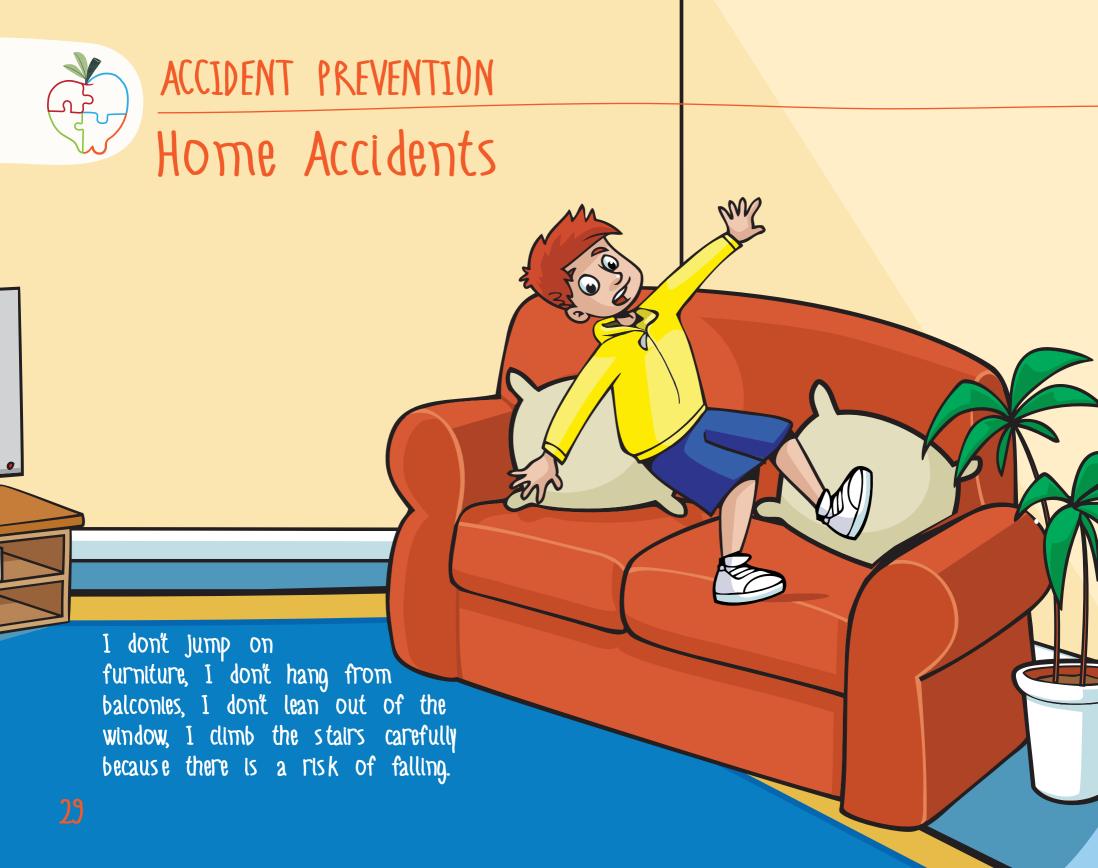


# ACCIDENT PREVENTION Home Accidents

I spend most of my time at home, so I take care as much as I can and always do the right thing!

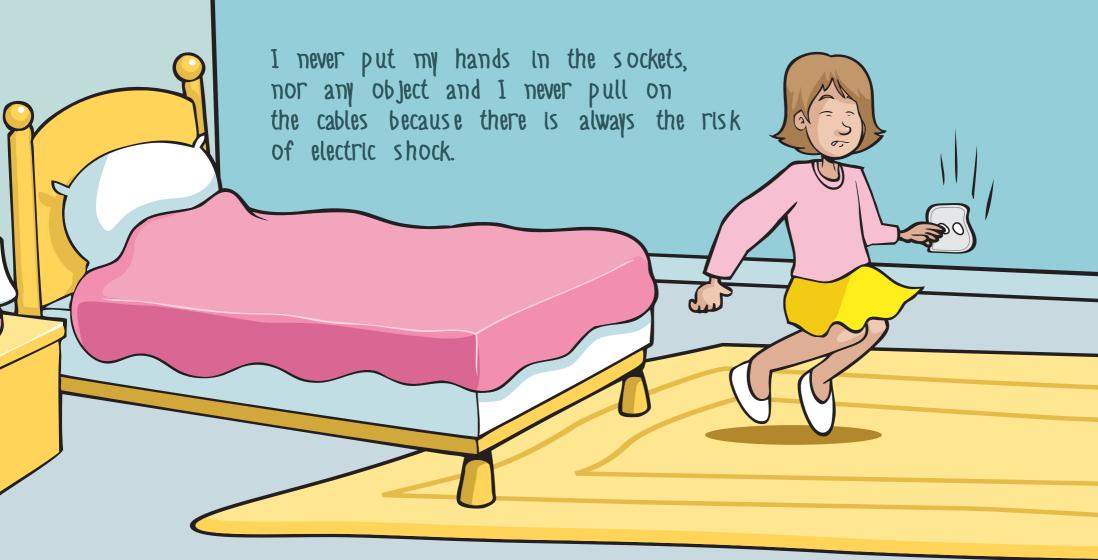


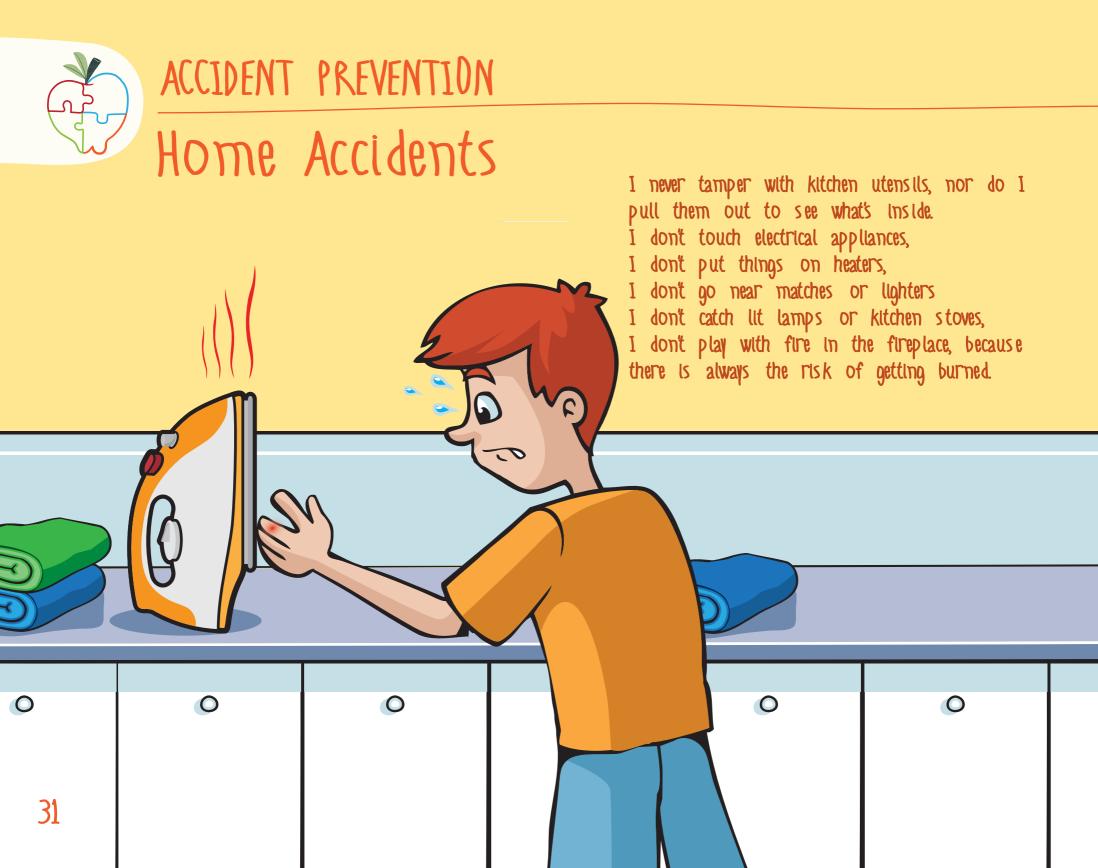
adult because there is a risk that I will fall or the furniture will fall on me and get injured.



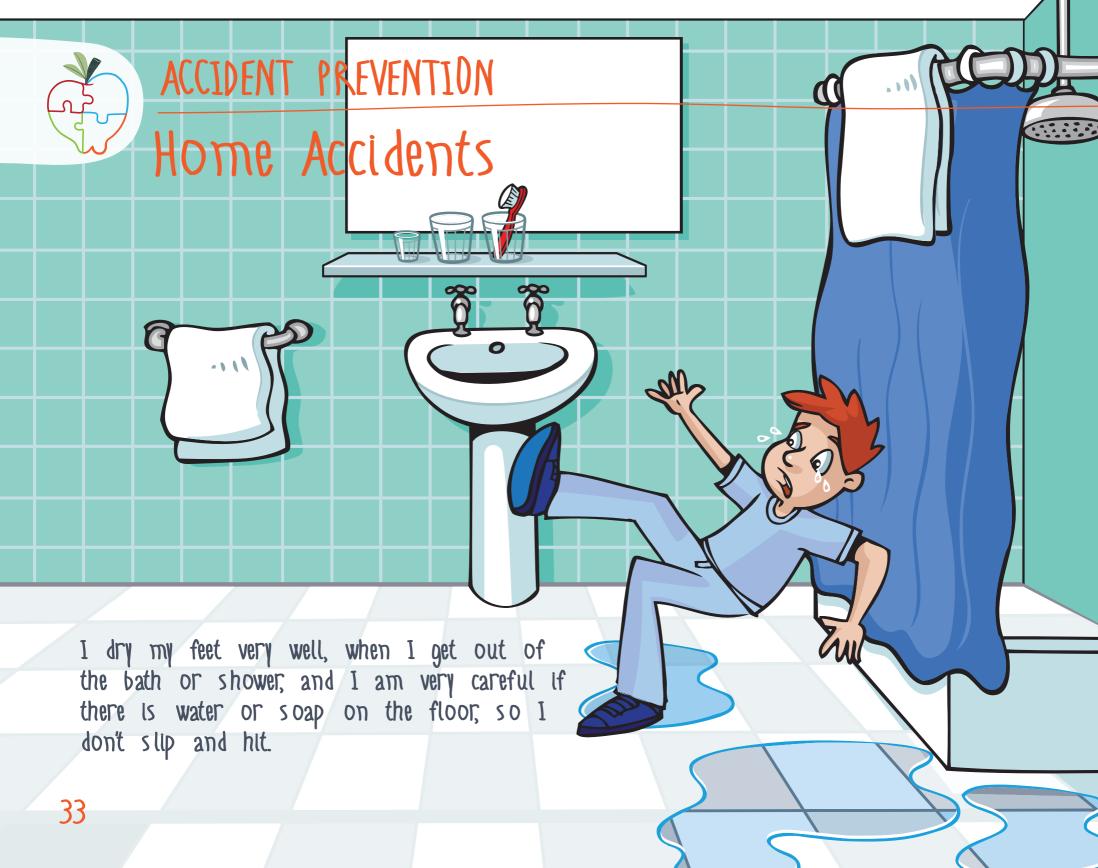
# ACCIDENT PREVENTION Home Accidents

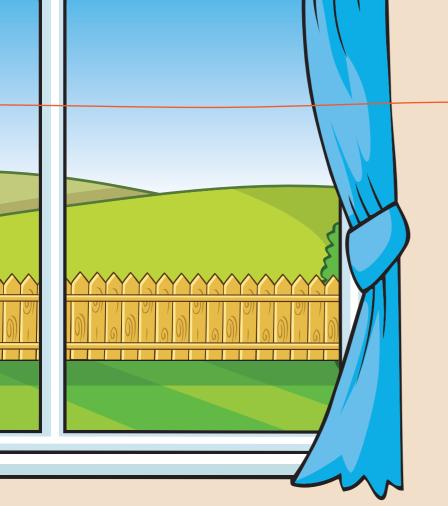












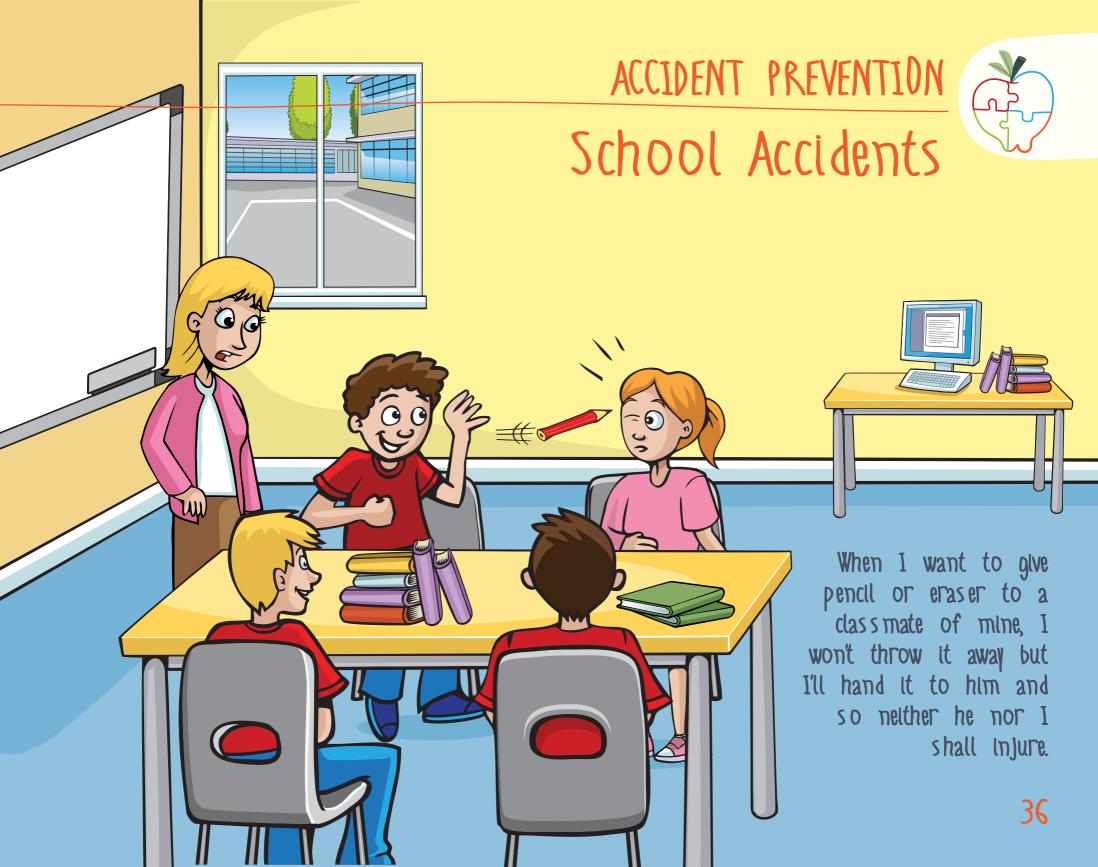
# ACCIDENT PREVENTION Home Accidents



I don't play with bottles of unknown liquids,
I never drink anything unless asked,
I never put pencils, markers,
plasticine or glue in my mouth,

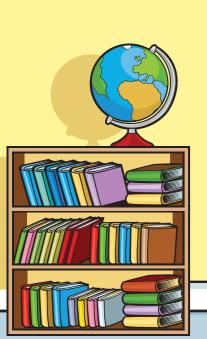
because there is a risk to my health.

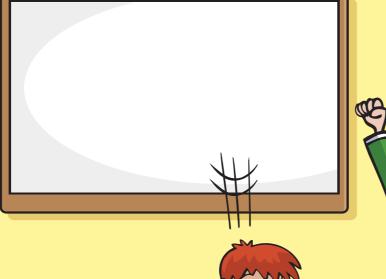




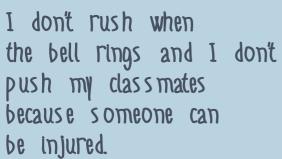


## School Accidents









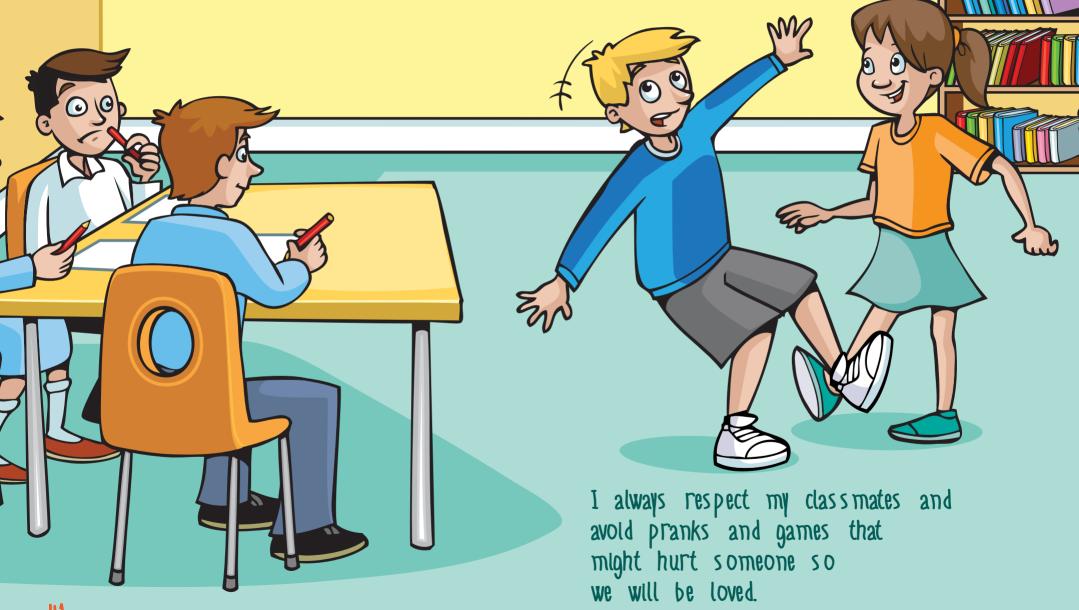








# School Accidents



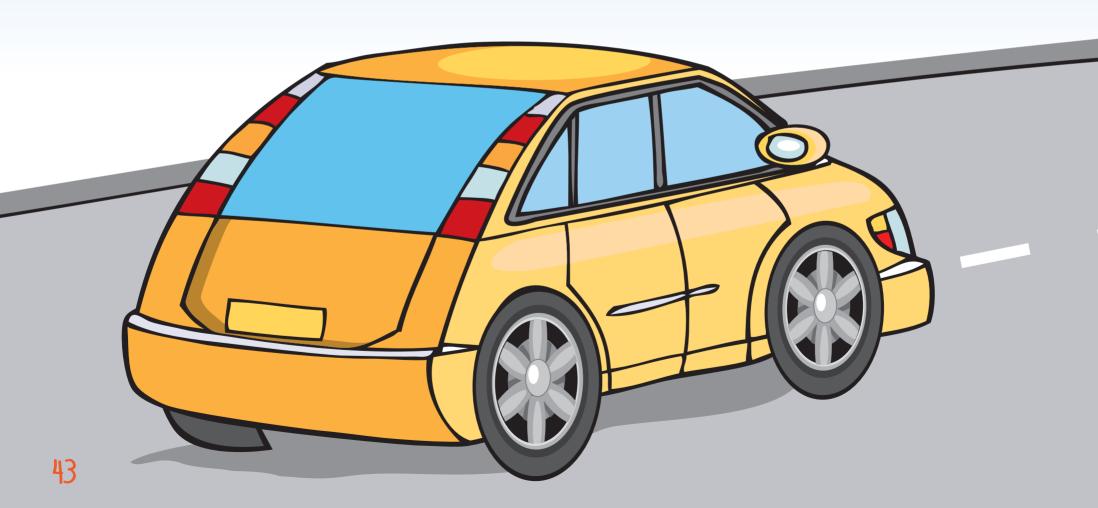
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# Road Accidents

On the road, I follow all the rules to reach my destination safely!





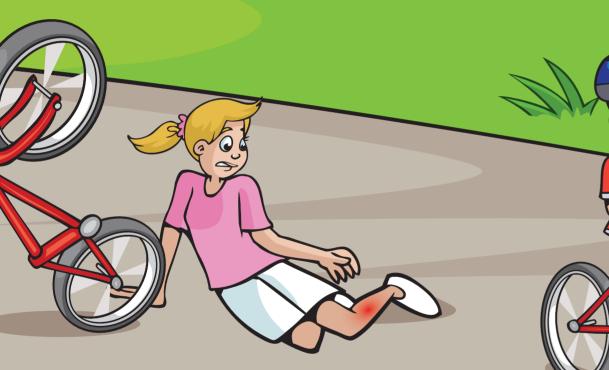


# Road Accidents

When I'm in the car I know that
I always use the belt in the back seat
and I always have to sit
in the right seat.
I shouldn't jump, nor to
disturb the passengers or the driver
and I wait patiently to reach the destination.



## Road Accidents



When I get on my blke (or skate), I am very careful to wear my helmet, have checked the brakes and tires, not to run, to be careful where I pass and the signals and the traffic lights



# Road Accidents



I walk on the sidewalk, left and right I look around and pass across the street only at a pedestrian crossing and the hand of a great man I hold, to always be safe.



Road Accidents



When I play in the yard or near the road, I don't run if I don't check the road I never push my friends because there is a risk of falling and hurt.





# Water Accidents

In the sea and in the pool I like to swim and enjoy the water safely.



When I swim in the sea, I have to wear arm floats if I don't know how to swim. Not rely only on this, but always look to my parents.



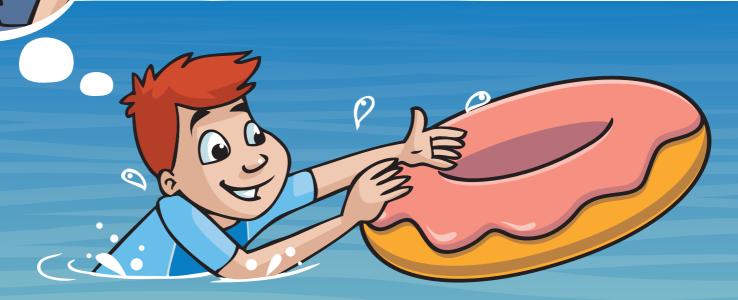
### Water Accidents



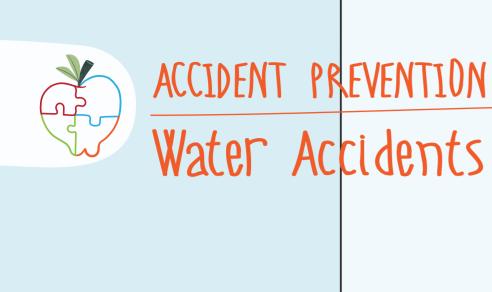
When I want to do sports in the sea I'm careful where I climb. The life preserver I will always use the right one and I will always have an adult by my side.

# ACCIDENT PREVENTION Water Accidents





Before I swim in the water I should always think that if I have eaten food before, I should rest for 3 hours to digest it and thus safely swim.



I'm always careful where I dive and check the depth of the water or if there are various obstacles so I don't get hurt.



# ACCIDENT PREVENTION Water Accidents





## Water Accidents

In the pool before entering, I don't run because it can very easily slip and get hurt.







- My parents should have taken care to place the items I will need somewhere I can reach them and have fixed all the small furniture very well.
- My parents should have taken care to install safety sockets or covers to the existing ones, to avoid electric shock.
- My parents should have taken care to use the back screens in the kitchen, keep the handles of cooking utensils from sticking out, turn off the electrical appliances and place them away from me until they cool down, use screens in the fireplace and place in a safe place all flammable materials, to avoid burns.
- My parents should have taken care to put screens on the balcony and windows.
- My parents should have taken care to put knives, scissors, razors, needles or anything else sharp out of
  my reach, to put protectors on dangerous furniture corners, to put special stops on doors, to mark the
  windows when they are closed, to avoid injuries.
- My parents should have taken care to put a non-slip mat in the bathroom, to adjust the water temperature and remove all electrical appliances from the bathroom.
- My parents should have taken care that all medicines, detergents and cosmetics are placed in a safe place always with stickers with the danger sign.









## Useful tips for parents: At school

- The school bag should only take up 10% of the children's weight, to prevent strain on the spine.
- My parents should have taken care I got proper shoes to school for sunny days sports and for rainy days boots.





# Useful tips for parents: On the road

- My parents should have taken care to teach me to move around properly and recognize road signs.
- My parents should know that in the car I should sit in the appropriate seat until the age of 12.







I am a smart child because I know how to follow the rules, to think and when I don't know an adult to ask, at home, at school, on the street, in the water, so that I can always live safely until I grow up and teach others what is right!!!



### Useful tips for parents: In the water

- My parents should have properly taught me to swim and my safety should not rely on inflatable items such as arm floats and coils.
- My parents should know that for me to be able to swim at least 3 hours must have passed since the last meal so that the digestion process has been completed.
- In the pool my parents should have checked that it is properly fenced or has a safety cover. Make sure the water depth is appropriate for my age and height and always supervise me even if I know how to swim very well.
- Security does not mean overprotection. Children should not be afraid of 'water' but enjoy it safely.

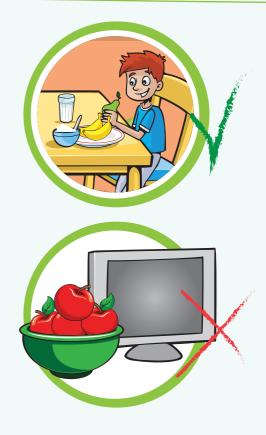




# Public Health: How do children perceive it?

Children learn through their experiences and by imitating their parents. In order to adopt a healthy lifestyle, in addition to the application of rules and guidelines in personal hygiene, nutrition, active lifestyle, physical activity, the healthy lifestyle of parents is also important.

Thus, children can name only a few rules such as: "We eat at the table" or "no TV during meals".





#### PERSONAL HYGIENE

# How can children learn what is healthy? Parents influence children's habits on three levels:

- Acting as role models.
- By establishing rules and faithfully monitoring their implementation.
- By providing adequate opportunities for healthy and varied meals, as well as for physical activity.





#### The issue of diet regulation is particularly important.

Food should neither be used as a reward nor as a punishment.



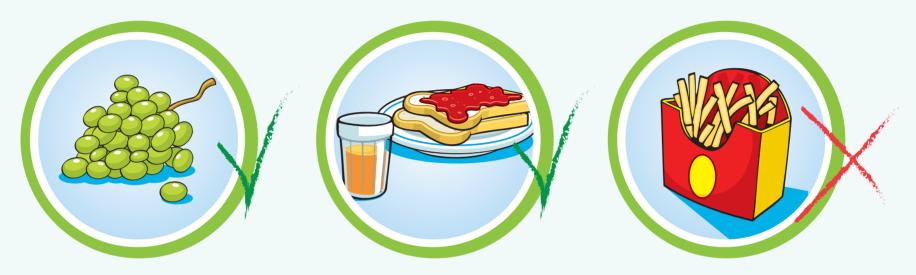
Portion sizes and meal frequency can be adjusted with some flexibility. However, effective guidance is essential through providing healthy food choices and enforcing table rules. Parents take on a leadership role and increase their credibility as role models.

In this book we have developed suggestions, tips and alternatives to help parents in their efforts to create a healthier environment for their children.



#### PERSONAL HYGIENE

The state must support healthy eating. It should support health policies that support healthy eating.



Parents want to limit the advertising of foods that contain large amounts of sugar and fat.

Everyone understands the role of health policies from the state in matters of healthy eating.

# PERSONAL HYGIENE

Socrates keeps wondering why mom tells him to wash his hands, take a bath, brush his teeth to be healthy.

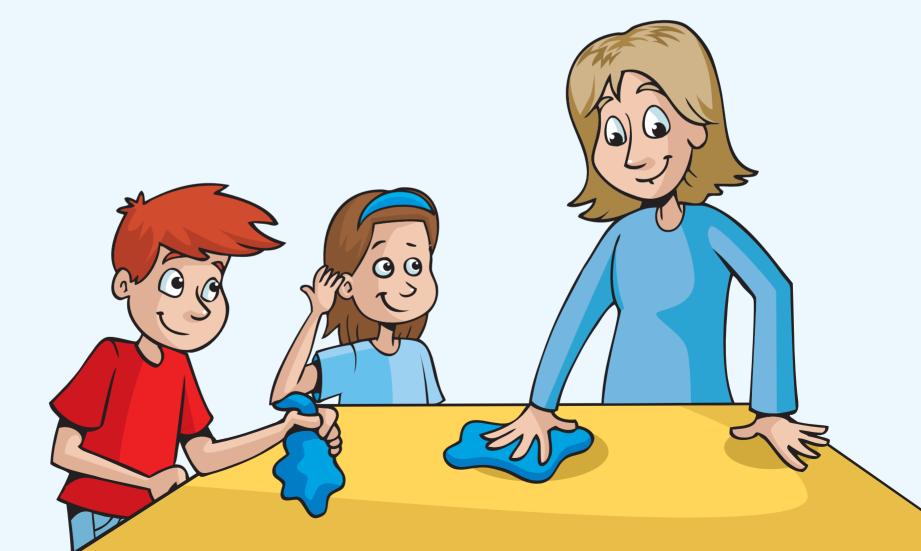


He can't understand and keeps frowning when he hears her.

Sometimes he's tired and doesn't want to take a bath and other times he's sitting at the lunch table and hasn't washed his little hands as his little stomach rumbles. His craving for food prevents him from thinking clearly.





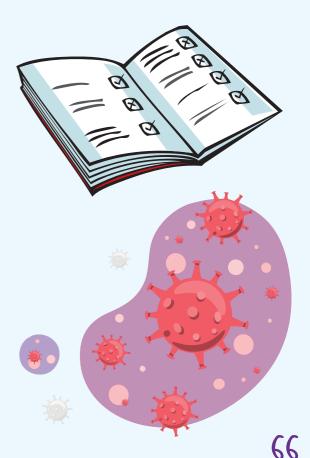


# In 1870 Pasteur created the first rabies vaccine.

Since vaccines were discovered people have not died from some diseases. A mosquito that "travelled" on a plane brought the West Nile virus to America. Germs, bacteria, viruses, protozoa: a fascinating world of invisible creatures that surround us without all being harmful to our health.

### Germs are everywhere.

In the air, on the ground, in the water, on the doorknob, on the telephone handset, on the steering wheel of the car, on the soup spoon and even on the pages of the books we read! In the scarf that covers our neck and face, in the wounds on our skin, in our hair, in our mouth and in our intestine and in our stuffy nose, even in fruits and vegetables, as well as raw meat.





# The kitchen sponge

The kitchen sponge, after three weeks of use, 70% of its surface is inhabited by bacteria. So you better not wait that long to change it!





# Toothbrush and container with toothbrushes

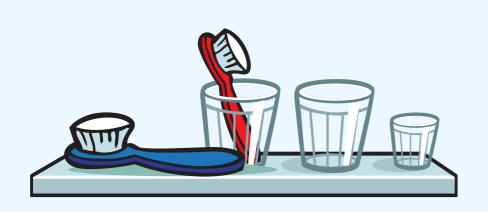
Droplets from the basin can contain germs, which contaminate the toothbrush and from there either enter the mouth when you brush your teeth or are transferred to your hands. Make sure your toothbrushes are covered and away from your bathroom sink.

The container must be clean.

# Pets and accessories

Animals and children are close friends. However, pets can carry bacteria, viruses and parasites.

That is why children who come into contact with animals should wash their hands.







#### Floor

There should be no mud or shoe prints on the floor. We always keep the floor clean.

#### School

Desks and computers collect germs. It is important that your child has hand sanitizer and washes its hands regularly.





## Playground games

In these places many children gather and play and overcrowding prevails. Wash the child's hands often during the various breaks from the game and when you return home change its clothes. We should not touch our eyes, nose and mouth without first cleaning our hands!



#### Note to readers

One would think it is a fairy tale judging by the rich illustrations. But it is a book about one of the most basic things we need to teach our children.

In a simple way, that appeals to the very curiosity of children, the editorial team conveys scientific knowledge about public health. This is how the conditions are created to have our children, tomorrow's citizens, informed and an active link in the chain of the health system.

Included in the actions of the Joint Action Health Equity Europe (JAHEE), European Program on health inequities, this book "returns" knowledge, experiences and good practices to society.

Beneficial to the child, useful and helpful to the teacher and parent, it deserves a place in every children's library.



**Giannis Karvelis**Chairman of the 6th Health Region of Peloponnese, Ionian Islands,
Epirus and Western Greece.



#### A few words about the authors

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#### A few words about the authors writing



Anastasia Kyriaki Koutsouri, Special. Pediatrics

He graduated from the Medical School of the University of Crete. Being determined to become a pediatrician from a young age, she began her pediatric specialty in Patras. He has a particular weakness for children and would like to succeed in instilling in parents the need for prevention.



Dr. Eleni Papachatzi, Pediatrician

He was born in Patras. He graduated from the Medical School of the University of Patras with a grade of Very Well. She followed Postgraduate Studies in Hygiene and Public Health, at the Hygiene Laboratory of the University of Patras, with which she collaborates to this day. She holds a Master's Degree in Public Health majoring in Infectious Diseases (NSPH, Athens) and a PhD from the Medical School of the University of Patras. She specialized at the University General Hospital of Patras (UGHP) and at the University College London Hospital (UCLH) and St Mary's Hospital, Imperial College Healthcare NHS Trust in London (Pediatric Infectious Diseases). She works in the Neonatal Intensive Care Unit at UGHP (Specialization in Neonatology). She has presented her research work at 30 conferences (national, European and global) while she has participated as a researcher in national multicenter epidemiological studies (EMENO, Hprolipsis). He participates in the teaching of undergraduate and postgraduate students at the University of Patras in the field of Public Health (Health Promotion, Social and Preventive Medicine) as well as in voluntary actions related to Public Health (street action, actions for vulnerable groups, population awareness etc.).



#### A few words about the authors writing



#### Markopoulou Georgia, Sociologist

Born in Piraeus, he studied at Panteion University in the Department of Sociology. She obtained a master's degree from the Hellenic Open University in Health Unit Management. She works in the Administration of 6th Health Region of Peloponnese, Ionian Islands, Epirus and Western Greece as Director of Human Resources Development. With previous experience as Head of the Research and Development Department, she dealt extensively with European projects, with issues of policy development and equal access to health services. Mother of two children, she was involved, alongside the above, from the first years of her professional career with the education of minors.



Tsagri Chara, Health Visitor

He was born in Patras in 1988. He studied at the Department of Health Visitors at the University of Western Attica where she graduated in October 2010 with a grade of "Very Well". She then received a Master's Degree in Public Health (MPH) from the National School of Public Health (NSPH) in March 2014 and was conferred by the University of Patras as a Doctor of Medicine in January 2022. She also has a specialization in counseling from the Department of Economic Sciences (Laboratory of Applied Economic and Social Policy) of the University of Ioannina with a grade of "Very Well". She works as a Health Visitor in Primary Health Care in LHU. In addition to her duties, one of her responsibilities is the planning and implementation of activities related to Public Health for preschool and school-age children in the community. She is married and the mother of a daughter.



#### A few words about the authors writing



George Tsapalos, Nurse

He is a graduate of the TEI of Patras, Department of Nursing. He holds a PhD in Community Nursing from the University of Peloponnese as well as a postgraduate Diploma in Adult Education and Primary Health Care. He has been working in the health field for 33 years in Health Units starting from "HYGEIA", GTDA Sotiria Hospital, GUH of Tripoli and now in the 6th Health Region. He has also been active in the field of education for several years, implementing courses related to his specialty, in Higher Educational Institutions, PVTIs.



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She was born in Corinth. She graduated from the Nursing department of the Higher Technological Institute (ATEI) of Patras in 2008, with a grade of "Very Well". In 2017, she received Pedagogical and Teaching Proficiency from the Higher School of Pedagogical and Technological Training (ASPAITE), with a grade of "Excellent", while in the same year she received the Adult Educator Training Certification from the Organization (EOPPEP) of the Ministry of Education. She received a Master's Degree in Public Health (MPH), specializing in "Preventive and Social Medicine", from the Department of Medicine of the University of Patras with a grade of "Excellent", in 2020. She worked as a nurse at the Corinth Hospital in the Emergency Department (ED) and the Intensive Care Unit (ICU) until 2010. While from 2011 until today she is an Adult Educator in Public and Private VTI, Schools of Lifelong Learning for Adults. She worked in children's camps as a nurse for 6 years, while from 2016 until today she is a Special Educational Staff (School nurse, PE 25) in the Primary Education of the prefecture of Achaia. Hers important actions are the implementation of Education and Health Promotion Programs in school units of the prefecture of Achaia.

