# Important Facts About Your Health Science 3rd Grade Children Biology



Important Facts about Your Health - Science Book 3rd Grade I Children's Biology Books by Jonathan Kellerman

★ ★ ★ ★ 5 out of 5
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Health science is a branch of science that deals with the human body and its functions. It is important for children to learn about health science so that they can make healthy choices and live healthy lives.

#### The Human Body

The human body is a complex system made up of trillions of cells. These cells are organized into tissues, organs, and organ systems. The human body has 11 organ systems: the integumentary system, the skeletal system, the muscular system, the nervous system, the endocrine system, the circulatory system, the respiratory system, the digestive system, the urinary system, the reproductive system, and the lymphatic system.

Each organ system has its own specific function. For example, the integumentary system protects the body from the outside environment, the skeletal system provides support and movement, the muscular system allows for movement, the nervous system controls the body's functions, the

endocrine system regulates the body's hormones, the circulatory system transports blood throughout the body, the respiratory system allows for breathing, the digestive system breaks down food, the urinary system removes waste from the body, the reproductive system allows for reproduction, and the lymphatic system helps to fight infection.

#### **Nutrition**

Nutrition is the process of providing the body with the nutrients it needs to function properly. Nutrients are substances that the body uses for energy, growth, and repair. The six essential nutrients are carbohydrates, proteins, fats, vitamins, minerals, and water.

Carbohydrates are the body's main source of energy. They are found in foods such as bread, pasta, rice, potatoes, fruits, and vegetables.

Proteins are used to build and repair tissues. They are found in foods such as meat, poultry, fish, eggs, beans, and nuts.

Fats are used for energy storage and to insulate the body. They are found in foods such as butter, margarine, oil, nuts, and seeds.

Vitamins are essential for a variety of bodily functions. They are found in foods such as fruits, vegetables, and whole grains.

Minerals are also essential for a variety of bodily functions. They are found in foods such as milk, yogurt, cheese, and fortified cereals.

Water is essential for all bodily functions. It is important to drink plenty of water throughout the day.

#### Hygiene

Hygiene is the practice of keeping oneself clean and free of disease. Good hygiene habits can help to prevent the spread of infection and disease.

Some important hygiene habits include:

- Washing your hands frequently with soap and water
- Brushing your teeth twice a day
- Taking a bath or shower daily
- Wearing clean clothes
- Eating healthy foods
- Getting enough sleep
- Exercising regularly

#### **Disease Prevention**

Disease prevention is the practice of preventing the spread of disease. There are a number of things that can be done to prevent the spread of disease, including:

- Getting vaccinated
- Washing your hands frequently with soap and water
- Covering your mouth and nose when you cough or sneeze
- Staying home from school or work if you are sick
- Avoiding contact with people who are sick

 Cleaning and disinfecting surfaces that may be contaminated with germs

Health science is an important subject for children to learn about. By understanding the human body, nutrition, hygiene, and disease prevention, children can make healthy choices and live healthy lives.



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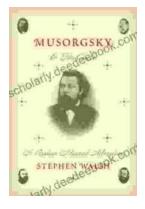
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