

Materials Found in Our Daily Necessities

身の回りの材料大図解

■Purpose of Exhibition

About 80 kinds of products are exhibited here, such as electric appliances, cooking utensils and sporting goods. Let's look at what's inside with cross-sectioned exhibits or pictures and videos of them. Let's also learn what materials the products are made of and in which parts they are used.



■Additional Knowledge

There are a lot of materials found in our daily necessities, and we are living with them. For example, in the kitchen there are such cooking utensils as kitchen knives and frying pans, and electric appliances like refrigerators and microwaves. We usually cook with these goods without any thought of what they are made of. They are made of suitable materials as necessary for their function and design.

These materials include metals, ceramics, and organic materials, often mixed. There are also other kinds of metals such as steel, aluminum, copper and mixed steel. When we make a product with some particular functions, we should choose suitable materials, taking into consideration its hardness, weight, heat resistance, colors, electric conductivity, workability and production costs.

[Materials Found in Our Daily Necessities] is the symbol exhibit in this room, while another exhibit explains about the materials in these products in more detail.

We can learn how suitable materials are used for various purposes and how they work in each product. So many kinds of materials are used in our daily necessities.

Article and illustrations by Keiko Ishida, curator
