

# The science of surfaces

2. Read and listen to the sentences with words from the documentary. Guess the meanings of the words in bold, then, choose the correct meaning.

1. There is a **layer** of thin ice on the top of the lake. It is dangerous to walk on it.  
A **layer** is a:  
a. sheet; covering      b. piece      c. type; kind
2. This animal catches its food in a **unique** way. I've never seen anything like it.  
**Unique** means:  
a. frightening      b. strange; difficult to understand      c. one of a kind; very unusual
3. A bird's feathers have several **functions**. They keep the bird warm and they help it to fly.  
**Function** means:  
a. origin      b. purpose      c. design
4. There are thousands of **organisms** in the world, from tiny bacteria to animals as large as whales.  
**Organisms** are:  
a. living things      b. parts of the body      c. diseases
5. Mathematics has many practical **applications** in everyday life, for example, in managing your money.  
An **application** is a/an:  
a. factor      b. use      c. explanation
6. There is ice on the ground so it is very **slippery**. Be careful and walk slowly.  
**Slippery** means:  
a. dangerous      b. making things very cold      c. causing things to slide or fall
7. The author **adapted** the story so that young children could understand it.  
**Adapt** means:  
a. to improve      b. to change for different conditions      c. to use again
8. The screen of the cell phone was protected by a clear plastic **film**.  
A **film** is a:  
a. thin covering      b. hard case      c. liquid
9. The scientists needed a powerful microscope to see the complex **structure** inside the tiny bacteria.  
**Structure** means:  
a. use; purpose      b. behavior      c. arrangement; design
10. When there is no wind, the **surface** of the water is smooth.  
The **surface** is the:  
a. top part      b. color      c. temperature