

Could a Polar Bear Survive in the Sahara?

LIFE SCIENCES

Get curious

Video/ Slide show

You will watch a film about the kangaroo rat, which has adapted perfectly to living in the desert.

Let's talk: What characteristics of this animal enable it to survive without water and in very high temperatures?

Video/ Slide show

Watch how a red fox pinpoints the position of mice buried deep beneath the snow!

Video/ Slide show

Watch how a beluga whale has adapted to the sea ice in which it lives.

Video/ Slide show

Watch how polar bears cope in the frozen climate of the Arctic Circle.

Discussion

Discuss the following topic: could a polar bear survive in the Sahara Desert?

In pairs, the students discuss and seek arguments for whether a polar bear could survive in a desert. What is their opinion? They can write down their arguments. The class will then discuss the question together.

Get going

Observing

Go for a walk in a meadow, a park or a forest and find or observe the animals that live there. Analyze those characteristics that help them adapt to their environment.

The students catch invertebrates (e.g. spiders, snails, insects and earthworms) which they should let go afterwards as well as observe vertebrates.

Conclusions

Present the results of your observations, discuss them with everyone and draw conclusions.

Each group presents the results of their work.

Get practicing

Writing

The students write a one-minute essay on the following subject: Can a living creature exist, which doesn't have any adaptations?
