



ACADEMY SCIENCE CAMP

from home

Living on The Edge

There are many examples of animals that thrive in extreme conditions. Can you sort the fact from the fiction?

Know before you begin

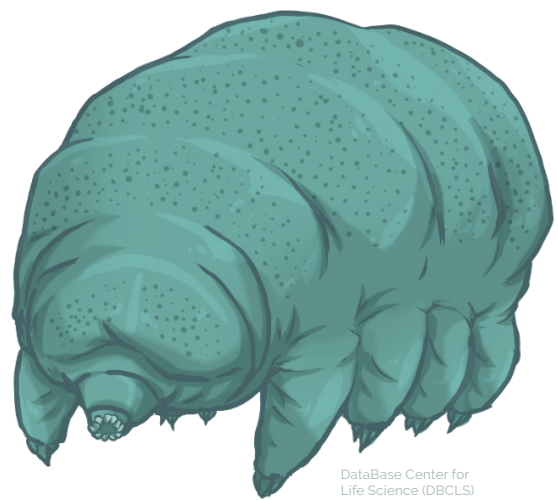
- This activity can be done inside or outside
- All supplies are easy to find, substitute or leave out entirely
- Adult supervision is recommended
- Please choose a safe space for this activity

Materials

- Living on the Edge Quiz
- Your brain

Instructions

Read the animal description and see if you can sort the real survivors from the fakes.



DataBase Center for
Life Science (DBCLS)





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LIVING ON THE EDGE QUIZ

CIRCLE ONE

- | | | |
|---|------|------|
| 1. The Yeti crab is a blind crustacean that lives near hydrothermal vents and uses fibrous arms to trap bacteria floating out of the vents for food. | REAL | FAKE |
| 2. The bearded goby lives in the Benguela dead zone. It prefers to lay in the hypoxic mud which is known for lack of oxygen and the toxic concentrations of hydrogen sulfide. | REAL | FAKE |
| 3. The tardigrade, also called a water bear, can survive in space. | REAL | FAKE |
| 4. The ice crawler is an insect that scours ice caves and glaciers looking for its food even in below-freezing temperatures. | REAL | FAKE |
| 5. Giant tube worms live their lives attached to hydrothermal vents. | REAL | FAKE |
| 6. Pacific sleeper sharks can be found swimming around undersea volcanos and even darting in and out of the plumes ejected by the volcanos. | REAL | FAKE |
| 7. Remipedes are the only venomous crustaceans. They are colorless and blind, and they live exclusively in undersea caves. | REAL | FAKE |
| 8. The Japanese cockroach found in the cooler, more northern climates of Japan has the unique ability to walk across ice. | REAL | FAKE |

