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.
<table>
<thead>
<tr>
<th>LIVING ON THE EDGE QUIZ</th>
<th>CIRCLE ONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td>REAL FAKE</td>
</tr>
<tr>
<td>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.</td>
<td>REAL FAKE</td>
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<tr>
<td>3. The tardigrade, also called a water bear, can survive in space.</td>
<td>REAL FAKE</td>
</tr>
<tr>
<td>4. The ice crawler is an insect that scours ice caves and glaciers looking for its food even in below-freezing temperatures.</td>
<td>REAL FAKE</td>
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<td>5. Giant tube worms live their lives attached to hydrothermal vents.</td>
<td>REAL FAKE</td>
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<tr>
<td>6. Pacific sleeper sharks can be found swimming around undersea volcanos and even darting in and out of the plumes ejected by the volcanos.</td>
<td>REAL FAKE</td>
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<td>7. Remipedes are the only venomous crustaceans. They are colorless and blind, and they live exclusively in undersea caves.</td>
<td>REAL FAKE</td>
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<td>8. The Japanese cockroach found in the cooler, more northern climates of Japan has the unique ability to walk across ice.</td>
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