JELLYFISH

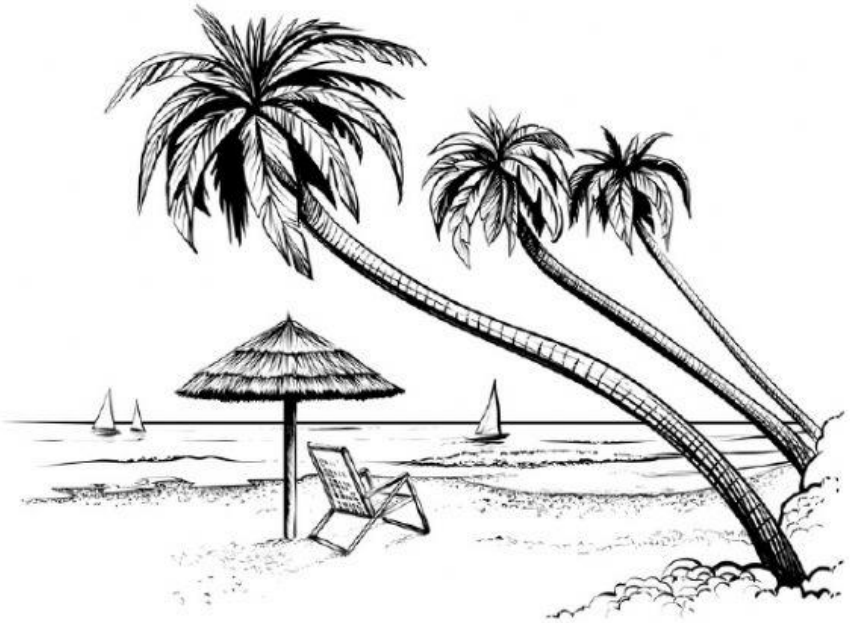


1 Warm up

When you visit the beach, which of these things do you worry about? Why?

- sunburn and heat exhaustion
- drowning
- sharks
- jellyfish

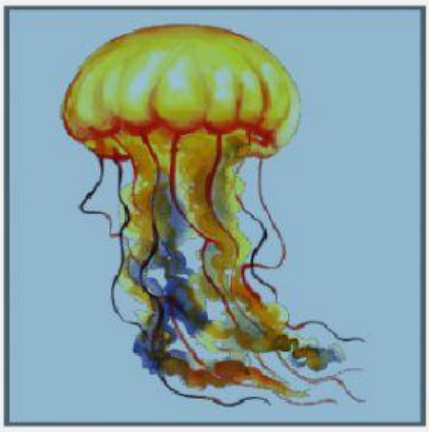
Have you ever seen a jellyfish at the beach? Have you ever been stung by a jellyfish?



LIVEWORKSHEETS

2 Before you watch

You are going to watch a short documentary about jellyfish. Before you watch, look at the picture and read the information. Then match the words/phrases in bold with their meaning.



FACT FILE: JELLYFISH

Jellyfish are **marine** invertebrates. Their bodies are quite simple. There is a bell at the top, with tentacles hanging down. The bell and tentacles both include some basic sensory organs, like a very simple brain. Inside the bell, there is also a digestive cavity which works like a stomach to break down food. In some types of jellyfish, the tentacles include venomous stingers, which can release dangerous poison when they touch something. They use these stingers for hunting food and defending themselves.

1. a space inside the body where food is processed =
2. animals without bones =
3. relating to the sea =
4. body parts which detect and respond to what's going on in the environment =
5. body parts which produce a painful injury to something which touches them =
6. poisonous =

3 Watch for main idea

Video

Watch the documentary and decide if these sentences are true or false, and why.

1. Jellyfish are a type of marine fish.
2. Some jellyfish can live forever.
3. Box jellyfish can kill a human very quickly.
4. Strangely, jellyfish bodies and human bodies contain similar amounts of water.
5. Jellyfish are not a danger to ships and boats.

LIVEWORKSHEETS

4 Watch for detail

Read the sentences and remember/predict the missing words. The words you write will have the same or similar meaning as the words in brackets. The first letter of the missing word has been given. Watch the video again to check.

1. In recent years scientists have started using the ... term "sea jellies" to **c**_____ **(2 words - make something easier to understand)** the confusion.
2. But at least one jellyfish can actually **r**_____**(make something go backwards)** the aging process.
3. The *turritopsis dohrnii* has earned the moniker "the immortal jellyfish" for being able to **u**_____**(experience a change)** a process called transdifferentiation.

   earn the moniker = received the nickname
4. Humans and other animals that are unlucky enough to get stung may experience **p**_____**(an inability to move)**, cardiac arrest and even death within just a few minutes.

   cardiac arrest = a heart attack
5. If a jellyfish washes up on the beach, it will mostly **e**_____**(dry up due to heat)** due to the high water content.
6. Jellyfish blooms can form quickly, and scientists think that the jellies **c**_____**(get together in a large group)** for mating purposes.

   for mating purposes = to reproduce
7. While these blooms are natural, they've caused problems all over the world such as **c**_____**(blocking something up so that it no longer works)** fishing equipment in Mexico, destroying Chinese ships and closing beaches in Australia and Europe.

What information in the documentary is new or surprising to you?

Think of examples for each topic:

1. Reasons why people **congregate** in public
2. Things that can **clog** your sink at home
3. Things that can **reverse** or **be reversed**
4. Animals that **undergo** major changes in their life cycles

LIVEWORKSHEETS

Notice how **"term"** is used in the documentary to refer to a word that expresses something official or technical. Underline the words that **"term"** refers to in these sentences.

> With thousands of different species ... jellyfish is more of a **broad term** than anything else ... scientists have started using the **umbrella term** "sea jellies" to clear up the confusion.

"Term" is a word that can express a range of useful meanings. Match these phrases in bold with their meanings:

1. **In the short term**, we will lose money, but **in the long term**, we will make a big profit.
2. **In terms of space**, my new flat is much bigger than my old one.
3. All employees will receive company health insurance **on equal terms**.
4. I know we'll never get back together - she told me she wanted to break up **in no uncertain terms**.
5. I complained about the hotel **in strong terms**.

a. naming a specific area for discussion
b. relating to time: in the next few days/in the next months
c. using language that showed my feelings
d. very clearly, with no possibility of misunderstanding or arguing
e. with no unfair differences between people

Complete at least three of these sentences in a logical way:

1. "Seafood" is an **umbrella term** that includes .....
2. **In the long term**, my plans are to .....
3. I had to explain to my ..... **in no uncertain terms** that .....
4. **In terms of cost**, ... is much better than .....
5. I believe it's very important for men and women to.....**on equal terms**.

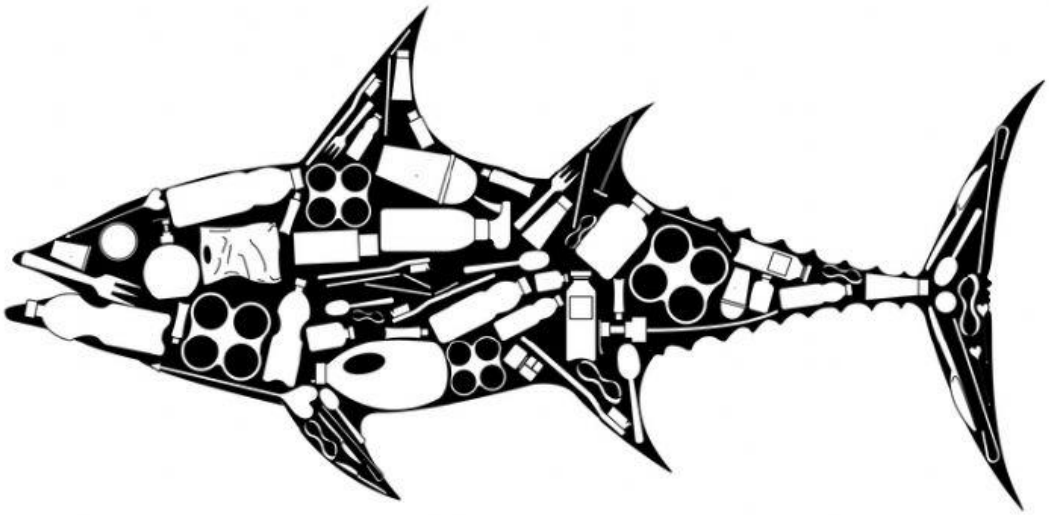
Compare your sentences with a partner.

LIVEWORKSHEETS

4

Discuss these questions in pairs or small groups.

1. Imagine that people could reverse the aging process. What would be the consequences - both positive and negative?
2. Some species of jellyfish are edible for humans. Do people in your country eat jellyfish? If you saw jellyfish on a menu, would you want to try it? Why/not?
3. There are many plastic bags floating in the ocean and these look like jellyfish. What problems does this cause? How can these problems be solved?



LIVEWORKSHEETS