

- △ とうきょうだいしんさい The Tokyo Earthquake
- **B** つなみじしん The Tsunami Earthquake
- ひがしにほんだいしんさい
 The 2011 off the pacific coast of
 Tohoku Earthquake



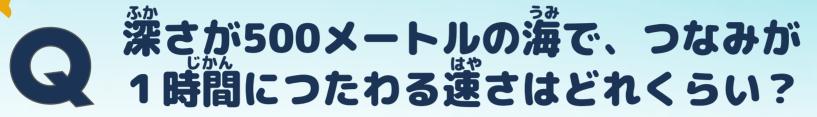


2011年にとうほくちほうで大きなじしんがおこったんだ。 そのあとつなみが町にながれてきて、たくさんの人が なくなってしまったよ。つなみがきたら、 とにかく答いところにひなんしてね。

There was a big earthquake in Tohoku area in 2011. A tsunami reached the town and many people died. When a tsunami comes, you should evacuate somewhere high place immediately.

OがしにほんだいしんさいThe 2011 off the pacific coast of Tohoku Earthquake



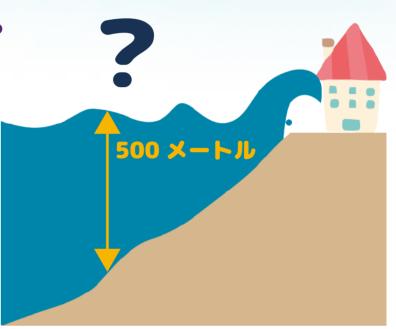


How fast would a tsunami be if the ocean was 500m deep?















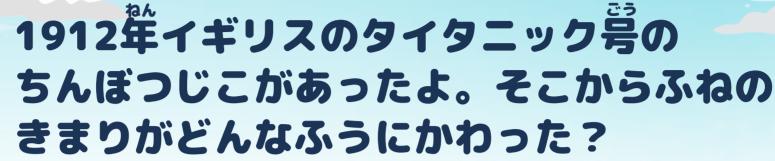
つなみは海の深さが500メートルのところでは、 時速200キロメートル以上の速さで、しんかんせんと 間じくらいのスピードなんだ。まちにとうたつするのも 速いから、できるだけ草くにげないとだめだよ。

When a tsunami occurs in a 500-meter-deep ocean, its speed can be 200km/h, which is as fast as a Shinkansen. You have to start evacuating as quickly as possible when a tsunami comes.

してく200キロメートル 200km/h







In 1912, There was a marine accident called "Sinking of the Titanic", where many people died. What kind of rule has been added after the accident?













タイタニック号は大きな氷の道にぶつかって、ふねにあながあいてしずんでしまったんだ。2,224人がのっていて、たすかった人は710人だけだったよ。そのあとからライフジャケットをのせないといけないきまりができたよ。The Titanic sank because it ran into the icebergs and the bottom part of the ship broke. There were 2224 people on the Titanic, but only 710 of them were rescued. After the accident, a new rule had been added; there must be a life jacket for all passengers.



ふねにはきゅうめいどういをのせる
There must be a life jacket
for every person onboard ship





When is the "World Drowning Prevention day" which is a activities to prevent water accidents?





9月4日 September 4th









世界では、1さいから24さいまでがしんでしまう理由に「水でのじこ」が10位以内にはいってるんだって。 水のじこをふせぐために「世界できすいぼうしデー」を作って、 みんなに気をつけるようによびかけているんだよ。

Drowning is ranked in the top 10 causes of death for 1 to 24 year-old people in the world.

To prevent those drowing accidents they made "World Drowing Prevention day" and ask us to be careful.



7月25日 July 25th



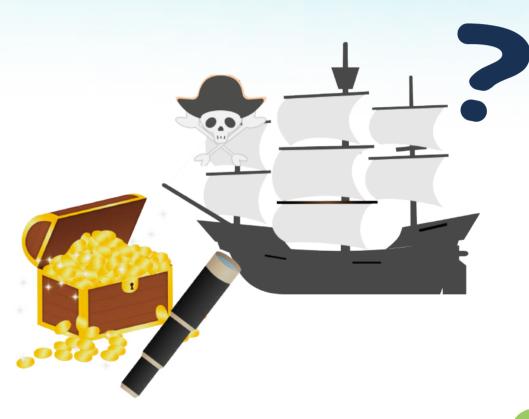




かいぞくってほんとうにいる? Do really pirates exist?







こどもぼうさい協会 Children's Disaster Prevention Association





海の上でごうとうする「かいぞく」は今でもいて、世界でデきなニュースにもなっているよ。日本でもふねごとぬすまれたじけんがあって、せんちょうたちはふねをぬすまれてゴムボートで10日間もたすけをまったんだ。かいぞくはとてもこわいそんざいだね。

Pirates exist in the real world even now.

Once there was a ship stealing by pirates even in Japan, the captain and the sailors waited for help for 10 days on the water. How scary the pirates are…!



いる Yes







"Knot" is a unit of the speed of ships. How much is 1 knots in km?





時速3.425 キロメートル 3.425 km/h







1ノットは時速1.852キロメートルだよ! 1 knot is equal to 1.852km/h.







Q 1903年からコニーアイランドというばしょでおこなわれている、海のイベントとは?

A sea-related festival has been held in Cony Island, USA since 1903. What is the event called?













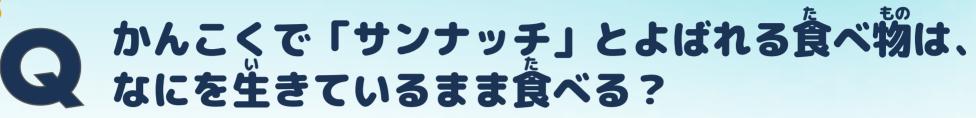
毎年アメリカのコニーアイランドで1月1首に、 かんちゅうすいえいがおこなわれているよ! すいおんが10°Cくらいのさむい海にみんなで入るんだ! Winter Swimming is held on January 1st, every year in Cony Island. Participants swim in the cold water where temperature is about 10°C.



かんちゅうすいえい Winter Swimming







There is a food called "Sannakji" in Korea. What kind of food people eat alive in korea?



















「サンナッチ」は「たこのおどりぐい」といういみだよ! ぐねぐねうごくたこの足を、そのまま食べるんだ。

"Sannakji" is a young living octopus cut into small pieces and served immediately after slicing! You eat the "dancing legs"!













What kind of place in the ocean is Jules' Undersea Lodge in America?















ジュールアンダーシーは海の中のホテルだよ! まどから海の中が見えて、お魚になった気分になれそうだね!

Jules' Undersea Lodge is an American hotel located in Key Largo, Florida and is the only underwater hotel in the United States. You can see the view of real ocean from the window and you do feel like you become a fish!





How do you call a sea shell like this in English?





ハーモニカ Harmonica shell









日本ではホラ貝という貝は、

トランペットににていることから

トランペットシェルとよばれているよ。

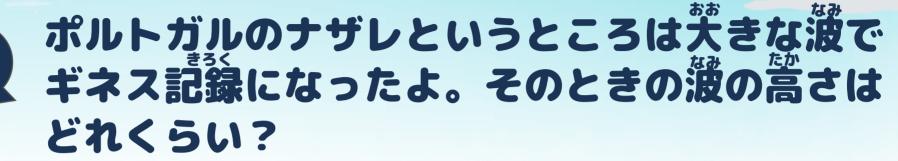
This sea shell is called "Horagai" in Japanese. It is called "Trumpet shell" in English because its shape looks like a trumpet.











According to the Guinness world record, how high is the world's highest wave recorded in Nazare, Portugal?















ポルトガルのナザレは、ギネス記録になったほどの デきな波がくるビーチでゆうめいなんだ!その波の高さは 約24.38mで10階建てのビルと同じくらいの高さだったよ。

Nazaré, Portugal is famous as beaches with big waves that has been recorded in the Guinness World Record! The wave was about 24.38 meters high (80 feets), about the same height as a 10 story building.













- しおののうどが高すぎて生き物が生きられない Because marine life cannot live with the excessive salinity of the sea water.
- がだらけで生き物が生きられない
 Because marine life cannot live with ice everywhere in the sea.





海というかんじが入っているけど、じつは死海は みずうみなんだ!海よりもしおののうどが高くて、 漁などの生物が生きられないから、

しぬうみとかいて死海とよむよ!

The Dead Sea is a lake, even though it is called sea. All marine life is hard to live in that lake because of the excessive salinity of its waters. That's why it is called "the Dead Sea".

しおののうどが高すぎて生き物が生きられない too high the excessive salinity for marine life







真がすずしくなる The summer will be less hot

- B 前がふらなくなる It will no loger rain
- **()** 川もなくなる
 There will bel no river as well

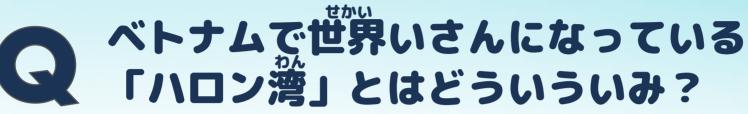




海がなくなると、くもがほとんどできなくなって、 簡がふらなくなってしまうよ。しょく物や、 どう物がかんそうしてしまって、だれも生きられなくなるよ。 If there were no ocean then clouds wouldn't be made, so as no rain, and plants and animals would begin dehydrated. Nobody would be alive without the ocean.



Children's Disaster Prevention Association





What does the name of The world heritage site "Ha Long Bay" in Vietnam mean?



かっぱ Kappa (Japanese folk monster)















りゅうがおり立つ場所をいみするハロン湾は、 ドラゴンがいた場所としてかたりつがれている場所だよ!

The name "HaLong" means "descending dragon" in Vietnamese, and the bay is steeped in legend and folklore.

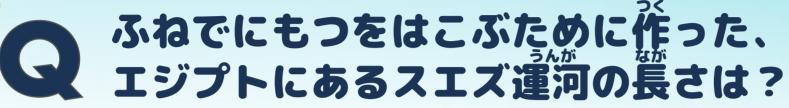
The legend is also a part of the general belief that Vietnamese people have Dragon's origins.

りゅう Dragon









How long is the Suez canal in Egypt which was made for transportation by ship?





162 キロメートル 162 km









スエズ運河はエジプトからアフリカやアジアに向かう Anの通り道だよ。長さは162kmもあるんだって!

The Suez Canal is an artificial sea-level waterway for ships from Egypt to Africa and Asia. The length of canal is 162km long!

162 キロメートル 162 km











In the Amazon River in Brazil, there is the smallest sea creature exist. What is it?

















世界でいちばん大きいアマゾン川には世界でいちばん小さいと 言われる「コビトイルカ」がいるんだって。 大きさは150kmしかないんだよ。

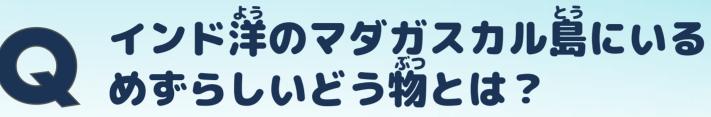
There is the smallest dolphin in the world, is called "Dwarf dolphin", in the Amazon River where the largest river in the world. The size is only about 150 cm.











What rare animal lives on Madagascar Island in the Indian ocean?



















インド洋にうかぶマダガスカル島にはぜつめつきぐしゅの キツネザルがいるよ。マダガスカル島はここでしか見られない どう物や、しょく物が見れるふしぎな国なんだよ!

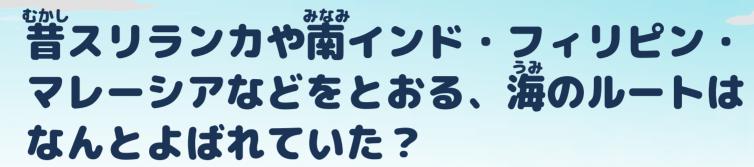
The Lumur, which you can see in Madagascar Island in the Indian Ocean is endangered animal nowadays. Madagascar is a mysterious island because there are animals and plants, which can only be seen there.



キツネザル Lemur







What was the name of the sea route that passed through Sri Lanka, South India, Philippines, and Malaysia?



(A) 海のシルクロード
The Maritime Silk Road



















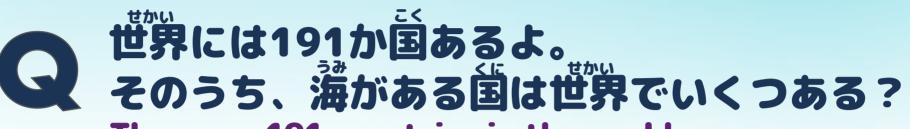
紀元前1000年というすごく昔に、東南アジアから ヨーロッパまでの海のみちは「海のシルクロード」と よばれていたそうだよ!

A long time ago, around 1000 B.C., the sea route from Southeast Asia to Europe was called "The Maritime Silk Road"!



海のシルクロード The Maritime Silk Road





There are 191 countries in the world. How many countries with ocean are there?



日 149か国 149 countries

191か国 191 countries







世界には海のない国もあるんだ。海のない国は、スイス・モンゴル・ウズベキスタンなどがあるよ!

There are some countries where donsen't have oceans like Switzerland, Mongol, Uzbekistan and so on.



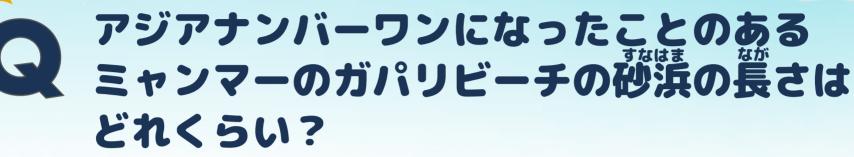












How long is the Ngapali beach in Myanmar which has been selected for the best Asian beach?









ガパリビーチの長さはやく7kmあるんだよ。 ちず すなはまである。とてもきれいな海だよ!

The length of Ngapali beach in Myanmar is about 7km. It has blue water, white soft sand, and a beautiful view!



