

9/20/2016 (#19 this year)

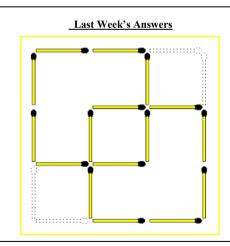
This is my kind of week. A three-day weekend, two days of school, another holiday and then one more day of school. It's a shame¹ every week isn't like this. I think that, when I am principal, I will introduce² the four-day work week. Or, maybe we could make the school more like Google. If you are a Google employee³, then you can spend 20% of your time working on other projects. Google realizes⁴ that this is where some of the best ideas come from. We should do that. For 20% of your time (one full day) you can work on other projects! Go for it!

Something You Didn't Know (Fishing⁵)

- 1. Today, each person on Earth eats an average⁶ of 19.2kg of fish per year. (That's two times as much as 50 years ago. Plus the population was 4 billion people fewer). China has the highest fish consumption⁷ in the world with an average of 26.1kg.
- 2. About 140 million tons of fish are caught every year. 38.5 million tons are called "bycatch". That means they are caught in nets by accident⁸ and not eaten.
- 3. 61% of the world's fish stocks⁹ are fully fished¹⁰ and 29% are over fished¹¹.
- 4. The EU is the biggest importer¹² of fish and 50% of imports come from developing countries¹³.
- 5. Aquaculture¹⁴ is increasing¹⁵ year by year. These are farmed fish¹⁶ and it is a solution¹⁷ to the over fished species 18. China is the biggest producer of farmed fish.
- 6. There are about 2 million fishing boats around the world and most of them are smaller than 12m.







Announcements

Monday and Thursday are holidays. And I don't have my diary with me. So the other days are school. Studying. Talking. Laughing. Learning. Fun.

World's Oldest Fish Hooks Discovered

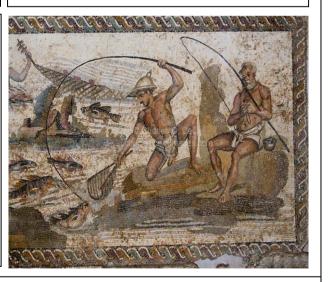
Last week, in Sakitari Cave at the southern end of Okinawa, researchers¹⁹ discovered²⁰ the world's oldest fish hooks²¹. They are a pair of fairly²² large hooks and were shaped out of sea snail shells²³. The fish hooks have been dated to²⁴ 23,000 years ago. This means maritime technology²⁵ developed in Asia much earlier than anyone had previously thought²⁶.





The researchers had previously thought that not many people lived on Okinawa that long ago. This was because Okinawa doesn't have many natural resources²⁷ if you cannot find food in the oceans. However, these fish hooks, along with other artifacts²⁸ prove²⁹ that early people in Okinawa were able to find all of the food that they needed.

Once ancient³⁰ people knew how to fish they would be able to spread³¹ to other islands. Up to know maritime adaption³² has only been shown in Australia and some Indonesian islands. The researchers have found fish and human bones that date back to 35,000 years so they may find even older fishing apparatus³³. This will show that humans have lived on Okinawa for much longer than anyone thought.



1.Shame 残念 2.Introduce 取り入れる 3.Employee 社員 4.Realize 気が付く 5.Fishing 釣り 6.Average 平均 7.Consumption 消費 8.By accident 偶然 9.Fish stocks 魚種資源 10.Fully fished ぎりぎりセーフ 11.Over fished 乱獲 12.Import 輸入 13.Developing country 途上国の 14.Aquaculture 水産養殖 15.Increase 増える 16.Farmed fish 水産養殖 17.Solution 解説 18.Species 種 19.Researcher 研究者 20.Discover 発見する 21.Fish hook 釣り針 22.Fairly 結構 23.Sea snail shell 海産巻貝の殼 24.Dated to__年前のものだ 25.Maritime technology 海事技術 26.Previously thought~だと考えられていた 27.Natural resources 資源 28.Artifact 人工物 29.Prove 判明する 30.Ancient 古代の 31.Spread 広がる 32.Maritime adaption 海上適応 33.Apparatus 器具