ENGLISH NEWS

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4/15/2019 (#1 this year)

Hi! If you are in the first or the fourth grade, welcome to our school! If you are in the 2nd, 3rd, 5th or 6th grade, welcome back! It's great to see all of you. And this is the start of the 2019 school year! Are you excited? You should be. So much is going to happen this year. You'll laugh. You'll cry. You'll get taller (probably). You'll make new relationships. You'll lose old relationships. You'll learn. You'll grow as people. You'll pass tests. You'll fail tests. But, overall[1], you will have a lot of experiences. I'm excited. It's going to be a good year.

Something Interesting (TV)

1. German inventor Paul Nipkow managed to send a non-moving black and white television picture on something he called the "Electric Telescope" in 1884.
2. The word "Television" was coined[2] in 1900 by Russian scientist Constantin Perskyi.
3. Television became widely popular after the end of World War II. Over 1 million American homes had television in 1948. Now, there are about 2 billion TV sets worldwide. Not one per person.
4. 1960s brought a great expansion[3] of television. The first TV satellite was launched in 1962 and in 1969 over 600 million people watched the moon landings live from their homes.
5. The first television sets could only show simple pictures, with about 200-400 lines of resolution[4]. SONY's new TV has 16,000! We spend about 4% of all electricity on TVs.

This is called a Magic Eye picture. Can you see it? You have to look through the paper to see the picture. If you can see it, try to help your friends. I will tell you what it is next week.

Giant 16k TV Screen Built in Japan

Last week, Sony created a giant 16k TV screen for the cosmetics company, Shiseido. They are going to put the screen on their new research center and it will reach from the ground to the second floor! That is incredible. Currently, in shops, you can only buy 8k TV screens and they are incredibly expensive. Amazon is selling a 60 inch (60v) 8K TV for 500,000 yen. TVs are measured across the diagonal[5], so a 60v TV is 1.5m, diagonally. This SONY TV has a diagonal measurement of 20m.

Not only is it enormous, it is also 16k. That means it has 16 times more pixels[6] than a regular TV. Is that good? If you get very close to your TV screen at home, you will be able to see all of the little dots that make up the picture. With a 16k TV, you won't. The pictures are very clear. In fact, they are so sharp that people say they look more realistic[7] than the real thing. This is called hyperrealism[8]. Still, this SONY TV is just a one off. It will be many years before we have TVs of this quality in our houses. And, even if we could buy them, there is only one camera in the world capable of recording video of this quality.

1.Overall 全体的 **2.Coin** 新しい言葉を作る **3.Expansion** 展開 **4.Resolution** 解像度 **5.Diagonal** 斜め **6.Pixel** テレビなどのディスプレー装置で画像を表示するときの最小単位 **7.Realistic** 現実的 **8.Hyperrealism** 超写実主義

English News は毎週月曜日、英語科生に配布します。
英語科以外な生徒が欲しかったら、下の切り取り部分に記入して、僕 (Mr. Askew) の机にあげてください。

I would like the weekly English News, please.

Name_____ **Grade**_____ **Class**_____ **No.**_____

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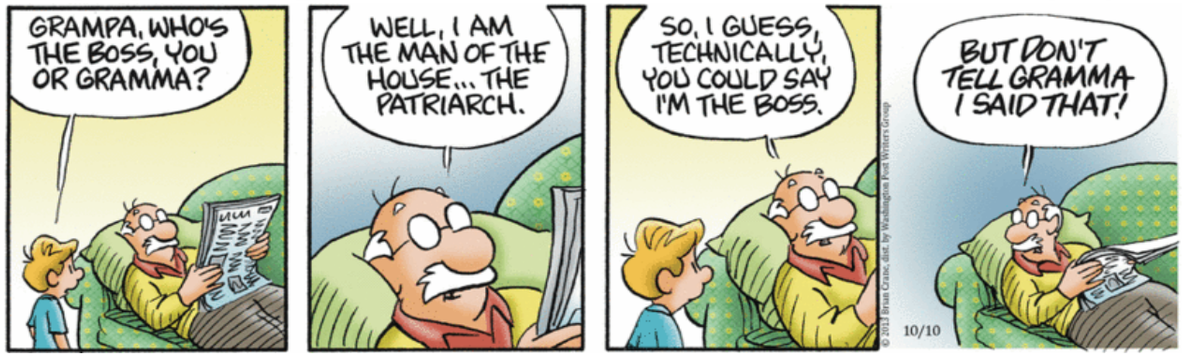


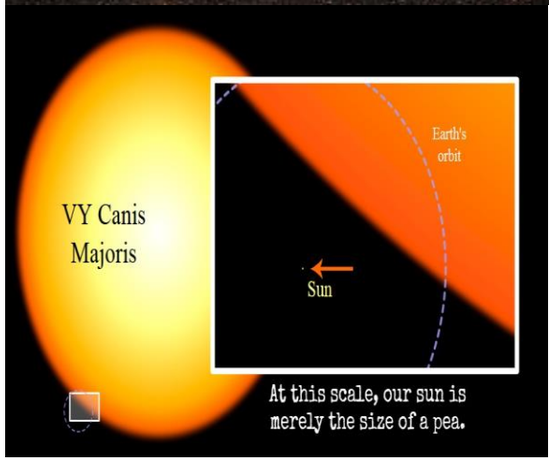
Strange World Records

Do you like sushi? I love it. I can usually eat about 14 plates! Well, in Norway, for some reason, four sushi chefs decided that rather than serve their sushi, they would make a mosaic[1] with it. They used 400kg of rice and 800kg of fish to make the world's largest sushi mosaic. They finished the design in 2 hours and then the sushi was eaten by all of the people watching. I'm not sure that I would want to eat sushi that had been sitting out in the sun for two hours, but this is world record breaking sushi, so maybe it tastes different. Ha ha.

I want the English News! ! ! ! ! ! ! ! !

Something Big

We have no way of understanding how big some things in the universe are. We have no way of comprehending[2] these sizes because we can only judge things by what we already know. One of the biggest stars in the universe that we can see is called VY Canis Majoris. It is about 1,500 times larger than our sun. If you replaced[3] the sun in our solar system[4] with Canis Majoris, it would reach almost to Saturn[5]. Light can go right around our sun in 14.5 seconds. It would take over 6 hours to go around Canis Majoris. If Earth were a basketball, our sun would be a ball about the height of Hokusei. And VY Canis Majoris? It would be a ball 55,500m high, or six times higher than Mt. Everest! How can we even begin to imagine such size?



Something You Probably Didn't Know

Where did the names for the days of the weeks come from? Do you know? Sunday: named after the sun. Monday: named after the moon. Tuesday: named after Tiu, the Germanic[6] god of war. Wednesday: named after Woden, the father of the Germanic gods. Thursday: named after Thor, the Norse[7] god of thunder. Friday: named after Frigg, the Norse god of love. Saturday: named after Saturn, the Roman god of agriculture[8]. Some come from old German and some from Latin.

New words: 1.Mosaic モザイク　2.Comprehend 理解する　3.Replace 入れ替え　4.Solar system 太陽系　5.Saturn 土星　6.Germanic ゲルマニウムの　7.Norse 古代スカンジナビア　8.Agriculture 農業