

### DAY 51 3D-printer homes to reduce homelessness



Having a roof over your head is a basic human need, but there are 1.2 billion people in the world without adequate housing. This may change thanks to a revolutionary, low-cost use of 3D printers to construct houses. With 3D printing, materials are joined together or reinforced by using a

computer-controlled device to create a three-dimensional object. Two companies have joined forces to try and ease homelessness around the world by building affordable homes using 3D printing. Tech company ICON has developed a method for printing a one-floor, 60-square-meter house out of cement in a day for just \$10,000. This is a fraction of both the time and cost needed to build a similar construction using conventional methods.

ICON has teamed up with the non-profit, international housing organization New Story. Together, they will start building homes in developing countries. Their joint venture will see 100 new homes constructed in El Salvador next year. New Story's co-founder Alexandria Lafci acknowledged that the 100 homes were just a drop in the ocean. She said: "There are over 100 million people living in slum conditions, in what we call survival mode." She also saw possibilities for 3D-printed houses to become common in richer

countries in years to come. However, she said that for the moment: "The tech is ready now to print very high-quality, safe homes in the places we're building."

#### WORD CHECK UP

Adequate

Revolutionary

Reinforced

#### GIVE YOUR BEST ANSWER

Three companies have united to make homes for the homeless. T / F

A company can make a home for \$10,000 in just 24 hours. T / F

A new project will build 1,000 homes in El Salvador next year. T / F

A non-profit co-founder wants to build homes on the ocean. T / F

What do 1.2 billion people in the world not have?

What did the article say about the expense of using 3D printers?

How many companies are collaborating to lower homelessness?

How much will the 3D-printed houses cost?

## Don't be so pessimistic!!!

Noah	That history exam was really awful. My worst so far.
Saskia	Was it really so bad ?
Noah	Yes it was. Only a couple of the topics which I reviewed for the exam came up.
Saskia	That was really bad luck. Do you think you managed to do enough to pass ?
Noah	No, I think I'll definitely fail that exam.
Saskia	Oh, come on, <b>don't be so pessimistic.</b>

*Explanation :*

**Pessimistic** - The feeling that bad things are more likely to happen than good things

*Example:* That's why I don't like to be with you because you are so **pessimistic**.

### KEY WORDS AND PHRASE

1. Awful
2. Definitely
3. Review

### DAY 53 Japanese robot-wolf to protect farms



Students in the USA took part in a protest on Wednesday. Tens of thousands of high-schoolers walked out of their schools to protest against gun violence. They chose March 14 for their protest as that marks a month since the February

14 Florida shooting in which 17 students lost their lives. At Stoneman Douglas High School, where last month's tragedy took place, students gathered on the football field for 17 minutes to remember their lost classmates. One student said: "The walkout was for those who will never be here again, but we're fighting for those who might be next." Another student said: "I came out because of what happened in Florida, but also because of what happens in my neighborhood every day."

In the U.S. capital, Washington DC, hundreds of students gathered outside the White House to protest. They sat with their backs turned to the building for 17 minutes. They then took part in chants against the powerful gun group the National Rifle Association (NRA). U.S. Senator Elizabeth Warren joined the crowds and spoke at a rally outside the Capitol building. She said: "The NRA has held Congress hostage for years now. These young people have shown up to free us. I believe the young people will lead us." Many of the students in the crowd wanted to remind President Donald

Trump that they would be old enough to vote in the 2020 elections, so he should listen to them now.

### WORD CHECK UP

Tragedy

Hostage

Protest

### GIVE YOUR BEST ANSWER

One student wanted to protest about happenings in her neighborhood. T / F

Students stood and stared at the White House for 17 minutes in protest. T / F

A member of the NRA spoke at a rally outside the Capitol building. T / F

Many students wanted to remind President Trump about something. T / F

Which U.S. state is Stoneman Douglas High School in?

For how long did students stay gathered in a football field?

What did a student say she was fighting for?

What building did students turn their backs to?

Day 54

**The fine is steep!!!**

<b>Cory</b>	Nat, please don't talk on your cellphone while you're driving.
<b>Natalie</b>	Why, what's the problem ? It's Jim. He wants to know what time we'll be arriving.
<b>Cory</b>	Well, first of all it's dangerous, you should be concentrating on the road. Second, if you get caught, <b>the fine is really steep.</b>
<b>Natalie</b>	Well, the road is clear and there are no police cars around.
<b>Cory</b>	Have you checked in your rear-view mirror ?
<b>Natalie</b>	Oh my God ! There's a patrol car just coming up behind. Quick, take my phone.

*Explanation :*

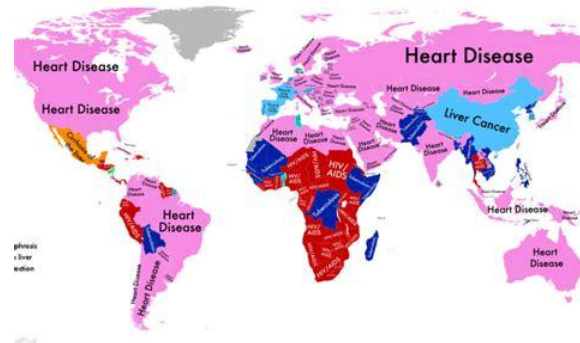
**Steep** - Excessive, too much

*Example :* They are having to face very **steep** taxes..

**KEY WORDS AND PHRASE**

- 1. Arriving
- 2. Concentrate
- 3. Imminent

## DAY 55 Disease X is a 'big risk' to the world



Scientists from the World Health Organization (WHO) say the world is possibly at risk from a deadly disease. However, they do not know its name or what it does and looks like. They have called it 'Disease X'. It could be caused by a virus or another micro-organism that scientists don't yet know about.

The WHO said Disease X could go unnoticed until it is too late and it is quickly spreading around the world. The WHO is taking the threat of Disease X seriously. It is putting a lot of money into research and is preparing a plan for a sudden outbreak. It said: "Disease X represents the knowledge that a serious international epidemic could be caused by a [virus] currently unknown to cause human disease."

The scientists said that Disease X could come from many different sources. It could come from existing diseases changing and becoming strong enough to resist our vaccines; it could come from terrorism and bio-weapons; it could also come from scientists using DNA-changing technology to make entirely new viruses. The biggest threat could come from animals. The U.S. Centers for Disease Control and Prevention said: "Scientists estimate that more than 6 out of every 10 known infectious diseases in people are spread from animals." These include Ebola, avian

flu and mad cow disease. Everyone living closer together in cities and increasing international travel and tourism will make it easier for diseases to spread.

### WORD CHECK UP

1. Unnoticed
2. Outbreak
3. Epidemic

### Give your best answer

The name 'Disease X' is because scientists don't know what it is. T / F

Scientists say the disease will not be in the form of a virus. T / F

The WHO is spending lots of money on researching Disease X. T / F

Disease X could be an existing disease that gets much stronger. T / F

How much money is going into researching Disease X?

What serious thing could Disease X cause?

What could stronger diseases be resistant to?

What kind of technology could make totally new viruses?

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