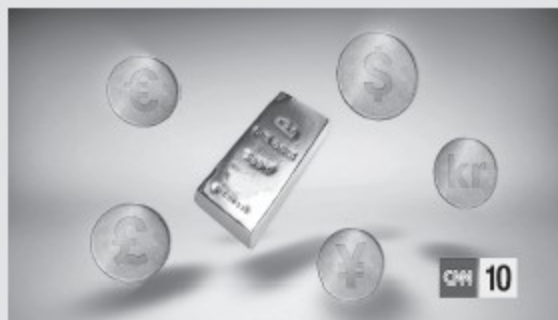




## 金の歴史と スイスの事情

貴重で高価なものの代表として知られる金。スイスでは下水処理場から金が見つかるそうです。それはなぜでしょうか？



### 1 Warm Up

(1) Have you ever touched gold?

.....

(2) What do you think about when you hear the word "gold"?

.....

(3) Where can we get gold in Japan?

.....

### 2 Vocabulary

この課のニュースに出てくる重要単語の意味を選んでみよう。発音も確認してみよう。

Disc 1



2

- |                  |                  |         |         |
|------------------|------------------|---------|---------|
| 1. currency ( )  | 5. tempt ( )     | a. 発生する | e. 通貨   |
| 2. institute ( ) | 6. sewage ( )    | b. 魅了する | f. 機関   |
| 3. crisis ( )    | 7. literally ( ) | c. 下水管  | g. 危機   |
| 4. emerge ( )    | 8. drain ( )     | d. 下水   | h. 文字通り |

**Notes** この課のニュースに出てくるやや難解な語(句)です。予め参考確認しておこう。

flush: 流す / refinery: 精製所 / flock: 破片 / wastewater treatment plants: 廃水処理施設 / rare earth metal: 希土類金属 / no question that: ~に疑いはない / glory: 栄光 / immortals: 不滅 / the Incas: インカ民族 / explorer: 冒険者 / empire: 帝国 / barometer: 指標 / stem from: 派生する / strike: 振り当てる / set price: 設定価格 / investor: 投資家 / glitter: 輝く / peak: 頂点に達する / spike: 急上昇する / safe haven: 安全な投資先 / allure: 魅力 / immune: 影響される / conquistador: 征服者

### 3 Vocabulary Exercise

2 で確認した Vocabulary を使って、必要があれば変化形にした上で空欄を埋めてみよう。



- (1) There was a global financial \_\_\_\_\_ in 2009.
- (2) We changed our Japanese yen to the local \_\_\_\_\_.
- (3) Jane was \_\_\_\_\_ by the chocolate cake, but didn't eat it.
- (4) The water in the bathtub went down the \_\_\_\_\_.
- (5) After John took the painting class, his talent truly \_\_\_\_\_.
- (6) I was \_\_\_\_\_ at the end of my rope and had to hold on tight.
- (7) Important research is being done at the medical \_\_\_\_\_.
- (8) There must be a good \_\_\_\_\_ system to keep cities clean.

### 4 Topic Paragraph

ニュースの出だしの部分を確認し、下の [正誤] 問題に答えてみよう。



**AZUZ:** Today, gold is mined all over the world, from Indonesia and South Africa, to Mongolia, Australia, and America. But a new study recently found it in a less likely place: sewage plants in Switzerland. A Swiss water research institute named Eawag estimates that 95 pounds of gold are flushed through Switzerland's sewage systems every year. That would be worth around 2 million dollars. Two big questions: how and why?

#### True / False Questions

- (1) There is gold mining in Australia. [ True / False ]
- (2) Gold was discovered in sewage plants in Switzerland. [ True / False ]
- (3) Ninety-five pounds of gold is taken from the Swiss sewage system every year. [ True / False ]

..... Try this! .....

- 1 リピーティング!    2 オーバーラッピング!    3 シャドーイング!

### 5 Memo

ノートなどに関心した単語やフレーズを書きながらニュースを聞いてみよう。

## 6 Transcript Completion

映像の音声や、ゆっくりと読み直した音声を聴いて空所に適切な語を入れてみよう。

**AZUZ:** Today, gold is mined all over the world, from Indonesia and South Africa, to Mongolia, Australia, and America. But a new study recently found it in a less likely place: sewage plants in Switzerland. A Swiss water research institute named Eawag estimates that 95 pounds of gold are flushed through Switzerland's sewage systems every year. That would be worth around 2 million dollars. Two big questions: how and why?

Switzerland has a famous watch-making industry and it also has gold refineries. (1)\_\_\_\_\_ think that tiny flecks of gold are literally washed down the drain in the sewage systems and wastewater treatment plants, and they believe there's enough of it in some areas that it may actually be worth (2)\_\_\_\_\_. They didn't just find gold — rare earth metals that are used to make things like (3)\_\_\_\_\_ were discovered, and Eawag believes that 6,500 pounds of silver, worth around 1.8 million dollars, flows into wastewater every year. Some places had more precious metals than others did, but there's no question that it's all going to waste.

**MAX FOSTER, CNN ANCHOR AND LONDON CORRESPONDENT:** Homer called it “the glory of the immortals.” To the Incas, it was the (4)\_\_\_\_\_ of the sun. The Egyptians believed it would support them in the afterlife. For thousands of years, gold has tempted explorers, supported empires, and has become a (5)\_\_\_\_\_ barometer. Its value stems from its rarity. All the gold mined over the course of civilization wouldn't fill four Olympic-sized swimming pools. A direct link between gold and currency emerged in 550 B.C., when the first gold coins were struck in what is now part of modern (6)\_\_\_\_\_.

In the 19th century, currencies around the world were fixed to gold. That lasted until (7)\_\_\_\_\_, when President Nixon announced the U.S. would no longer exchange dollars for gold at a set price. For investors though, gold still glitters in times of crisis. Its value peaked at 1,900 dollars an ounce in 2011 and demand often spikes at times of market stress, as investors look for a safe haven. (8)\_\_\_\_\_ the allure, gold is not immune to economic realities. A slowdown in China has pulled prices down, and gold's usefulness is (9)\_\_\_\_\_ — its primary purpose today, for jewelry. Still, many follow in the footsteps of the Spanish conquistador, Hernan Cortes, who said, “I and my

(10)\_\_\_\_\_ suffer from a disease of the heart that can be cured only with gold.”

## 7 Comprehension Questions

次の英文がニュースの内容に合っていればT (True)、合っていないらばF (False) に丸印を付けよう。また、その根拠とした部分に下線を引いておこよう。

### Track 6

- [ T / F ] (1) Some of the gold in the sewage system may come from watch-making.  
 [ T / F ] (2) Not only gold, but also rare earth metals were found in the drains.  
 [ T / F ] (3) The same amount of precious metals was found in all areas.

### Track 7

- [ T / F ] (4) For a long time, people have valued gold.  
 [ T / F ] (5) Gold is valuable because there is not much of it.  
 [ T / F ] (6) The first gold coins were struck about 1,500 years ago.

### Track 8

- [ T / F ] (7) Now, the U.S. exchanges gold for dollars at a fixed price.  
 [ T / F ] (8) People sometimes buy gold when the economy looks weak.  
 [ T / F ] (9) Gold is not useful now.

## 8 Summary

次の文章はニュースの要約です。空所に適切な語を入れてみよう。

Gold has (1. \_\_\_\_\_) people throughout history. The connection between (2. \_\_\_\_\_) and gold (3. \_\_\_\_\_) more than 2000 years ago. Though the price of gold does change, it is still popular when there is a (4. \_\_\_\_\_). In Switzerland, research done by the Eawag (5. \_\_\_\_\_) has found that 95 pounds of gold is (6. \_\_\_\_\_) washed down the (7. \_\_\_\_\_) every year. Not only gold but also rare earth metals are flushed through the country's (8. \_\_\_\_\_) system.

\*\*\*\*\* Try this, too! \*\*\*\*\*

ニュースの内容について、以下の質問をクラスメイトと話しあってみよう。

In Japan, Sado Island is famous for gold. Research the history and share the information.