



India's rover finds sulfur near Moon's South Pole

- 1 India's space agency says its moon rover found sulfur on the lunar surface just a week after its unmanned spacecraft Chandrayaan-3 made a historic landing on the South Pole of the moon on August 23rd. It also found oxygen, iron, calcium and aluminum.
- 2 India is the first country to land on the South Pole of the moon, and the fourth country to land on the moon after the former Soviet Union, the U.S. and China.
- 3 Soft-landing on the South Pole of the moon is very difficult because of many craters and trenches on the surface. The former Soviet Union, the U.S. and China landed around the moon's equator.
- 4 India is the world's fifth largest economy in the world now. India's Space technology is growing rapidly. Chandrayaan-3 is India's (Q8) lunar mission.
- 5 Before the landing, people across India gave special prayers at Hindu temples and Muslim mosques. Schools held special ceremonies and held live viewings of the landing.

rover 惑星探査機 sulfur 硫黄 the South Pole 南極 Space Agency 宇宙機関 lunar 月の surface 表面
unmanned 無人の spacecraft 宇宙船 landing 着陸(land 着陸する) oxygen 酸素 iron 鉄 former ~:元~
trench 溝 equator 赤道 economy 経済大国 rapidly 迅速に mission 特命・使命 prayer 祈り temple 寺院
Muslim イスラム教の mosque モスク live viewing 生中継 ★学んだ語()

Q1 What did the India's moon rover find on the lunar surface?

Q2 Are there any astronauts in the spacecraft Chandrayaan-3?

Q3 Which area of the moon did Chandrayaan-3 land on?

Q4 Why is it difficult to land there?

Q5 Which three countries landed on the moon before India?

Q6 Which area of the moon did the three countries land on?

Q7 インドは現在、世界第何位の経済大国ですか。

Q8 空欄に当てはまると思われる序数を書きましょう。

Q9 インドにはどんな宗教を信じる人たちがいますか。5段落を参考に答えなさい。

Q10 What did Indian people do at the temples, mosques, and schools before the landing mission?



'India Is Now On The Moon': PM Modi | Chandrayaan 3 Lands On The Moon
最後に、モディ首相が“India is now on the moon.”と英語で世界に語りかけています。

6 After the successful landing, India's prime minister Narendra Modi gave a speech, waving the Indian flag, "India is now on the moon. All the people of the world, the people of every country and region: India's successful moon mission is not just India's alone. This success belongs to all of humanity." Modi gave a speech in South Africa, where he was attending the BRICS summit.

7 One of the Chandrayaan-3's missions is to find water in the form of ice on the lunar surface. Some scientists say, "Humans will be able to live on the moon in the future."

successful 成功の region 地域 ~ alone:~だけ belong to ~:~に属する humanity 人類 attend 出席する summit 首脳会議 in the form of ~:~の形の ★学んだ語()

Q11 What did Prime Minister Modi have in his hand when he gave a speech?

Q12 モディ首相は、この成功を誰のものだと言いましたか。

Q13 Why did Prime Minister Modi give the speech in South Africa?

Q14 What is BRICS?

Q15 Why did India send Chandrayaan-3 to the moon?

Q16 あなたは、インドに住むメール友達 Krishna から、E メールで質問を受け取りました。この質問に分かりやすく答える返信メールを、空欄に英文で書きなさい。(字数指定はありません)

Hi! How have you been?

I have a good news. Chandrayaan-3, the spacecraft of my country, landed on the moon successfully!

My school had a public viewing of the landing. We are all excited!

By the way, do you know anything about my country? Is India popular in Japan?

I have one more question to you. Some scientists say humans will live on the moon in the future.

Do you agree with this opinion?

Your friend, Krishuna

Hi, Sam! Thank you for your e-mail.

Best wishes,

★次の文を暗唱しましょう。

1) India is the first country to land on the South Pole of the moon.

2) This success belongs to all of humanity.

3) Humans will be able to live on the moon in the future.

★今日の文法（１）過去形

1 [] 内の動詞を、過去形に変えましょう。

- 1) Chandrayaan-3 [land] on the South Pole. ()
- 2) The rover [find] sulfur on the surface. ()
- 3) The landing [is] difficult. ()
- 4) India [make] history by landing on the South Pole. ()
- 5) The Indian Space technology [grow] rapidly in these several years. ()
- 6) Before the landing, people [pray] for the successful landing. ()
- 7) India's prime minister Modi [speak] to the world. ()
- 8) He [attend] the BRICS summit in South Africa. ()

★今日の文法（２） 助動詞 can（できます）の様々な時制

can + 動詞の原形	～できます [現在形]
could + 動詞の原形	～できました [過去形]
will be able to + 動詞の原形	～できるでしょう [未来形]

2 次の語句を並べ替えて、正しい文にしましょう。

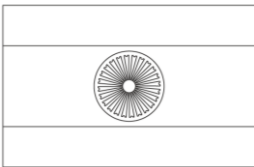
- 1) 惑星探査機(rovers)は、写真をとったり、その惑星についての情報を集めたりすることができます。
[about / can / collect / rovers / information / take / the planet / and / pictures / .]

- 2) 私は子供の頃、速く走ることはできませんでした。

[a child / fast / could / when / I / I / not / was / run / , / .]

- 3) 君は簡単に試験に受かることができるだろう。

[able / will / the exam / be / easily / to / you / pass / .]

<p>豆知識①</p> 	<p>India's flag has three colors. Orange is a color of the Hindus. Green is a color of the Muslims. White is a color of peace and other faiths.</p> <p>インドの国旗の3つの色の意味は？</p> <p>★Orange : ()</p> <p>★Green : ()</p> <p>★White : ()</p>
<p>豆知識② 宇宙船 Chandrayaan-3 の意味は？ → ()</p> <p>Chandrayaan-3 is Sanskrit for "moon-craft". Chandra (चंद्र) is "moon", and yaan (यान) means "vehicle".</p>	