

SOLUTIONS PRE-INTERMEDIATE 5

UNIT 9: SCIENCE

9E

PEGAH BAHOJB GHASEMI

9D

Grammar

The passive (present perfect and future)

I can use different forms of the passive.

- 1 Complete the sentences below with the present perfect passive form of the verbs in brackets.
 - 1 Our car _____ (steal).
 - 2 Two important new drugs _____ (develop) this year.
 - 3 The bus stop _____ (damage) again.
 - 4 The boat _____ (not see) for two days.
 - 5 All our money _____ (spend).
 - 6 I hope that painting _____ (not sell).

2 Look at the pictures, then complete the sentences with the present perfect passive form of the verbs below.

build not change not finish paint replace sell

10 YEARS AGO



NOW



- 1 The factory *has been sold* .
- 2 The glass in the windows _____ .
- 3 The big front door _____ .
- 4 The metal sign _____ .
- 5 A new road _____ .
- 6 The new roof _____ .

3 Complete the questions using the present perfect passive form and *ever*. Then answer the questions with information that is true for you.

1 (you / bite / by a mosquito)

Have you ever been bitten by a mosquito?

2 (your home / burgle)

3 (you / chase / by a dog)

4 (your phone / steal)

5 (you / invite / to a wedding)

- 4 Rewrite these sentences to make them passive. Include *by ...* to say who or what carries out the action.

In the house of the future:

- 1 your fridge will order your food online.

your food will be ordered online by your fridge.

- 2 the sun will provide most of your electricity.

- 3 robots will clean all the rooms.

- 4 your smartphone will operate the lights.

- 5 machines will prepare all of your food.

- 6 a computer will control the temperature in every room.

5 Complete the dialogue using passive present perfect and future forms of the verbs in brackets.

Presenter Can you give us the latest news on this exciting project to build a hotel on the moon?

Scientist The plans for the new hotel ¹ _____ (complete) and a location ² _____ (choose).

Presenter So when ³ _____ (it / build)?

Scientist Well, the exact date ⁴ _____ (not decide) until next month at the United Nations meeting. The plans ⁵ _____ (approve) at that meeting too.

Presenter And after that?

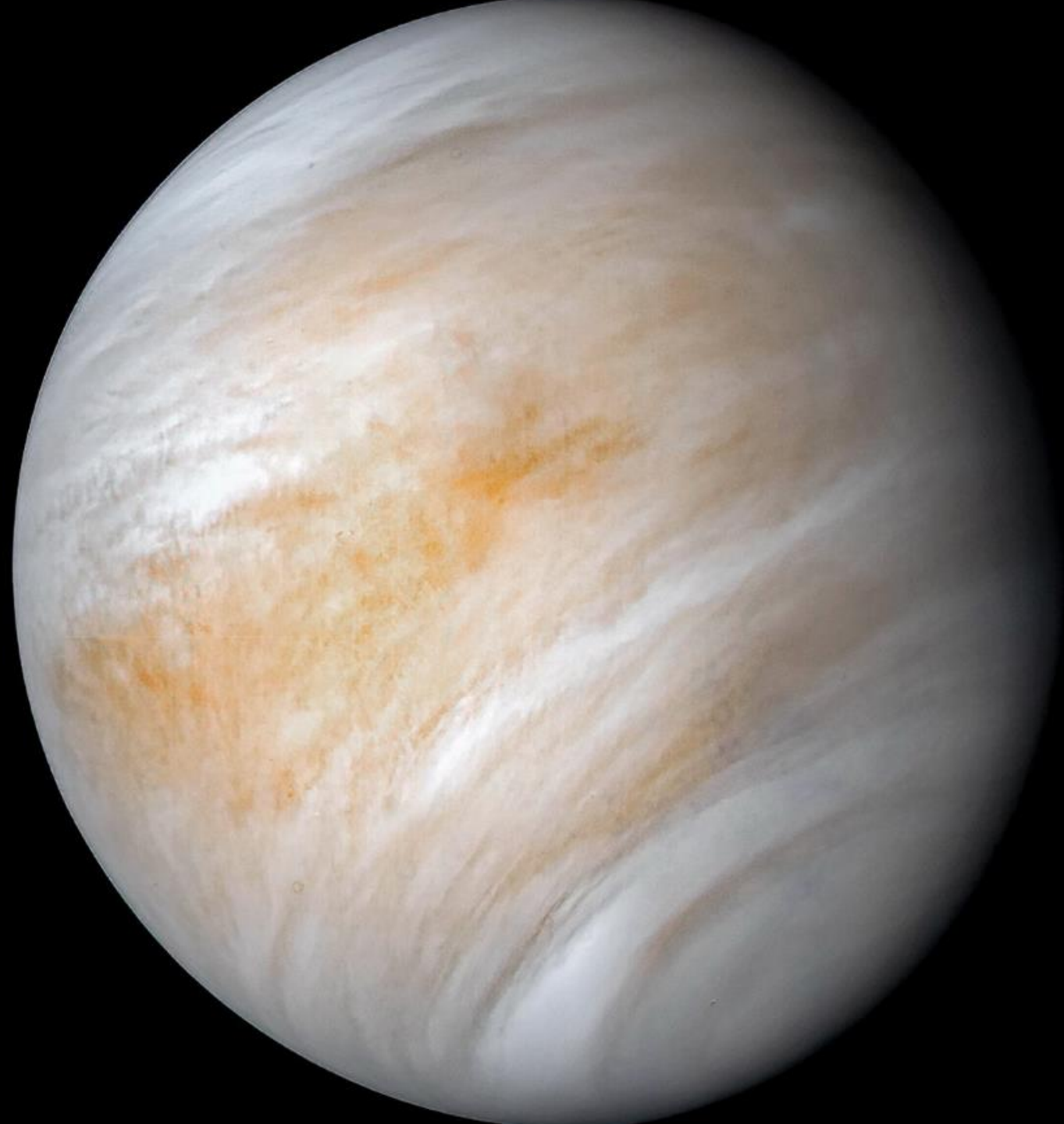
Scientist After that, the first parts of the hotel ⁶ _____ (send) to the moon before the end of the year.



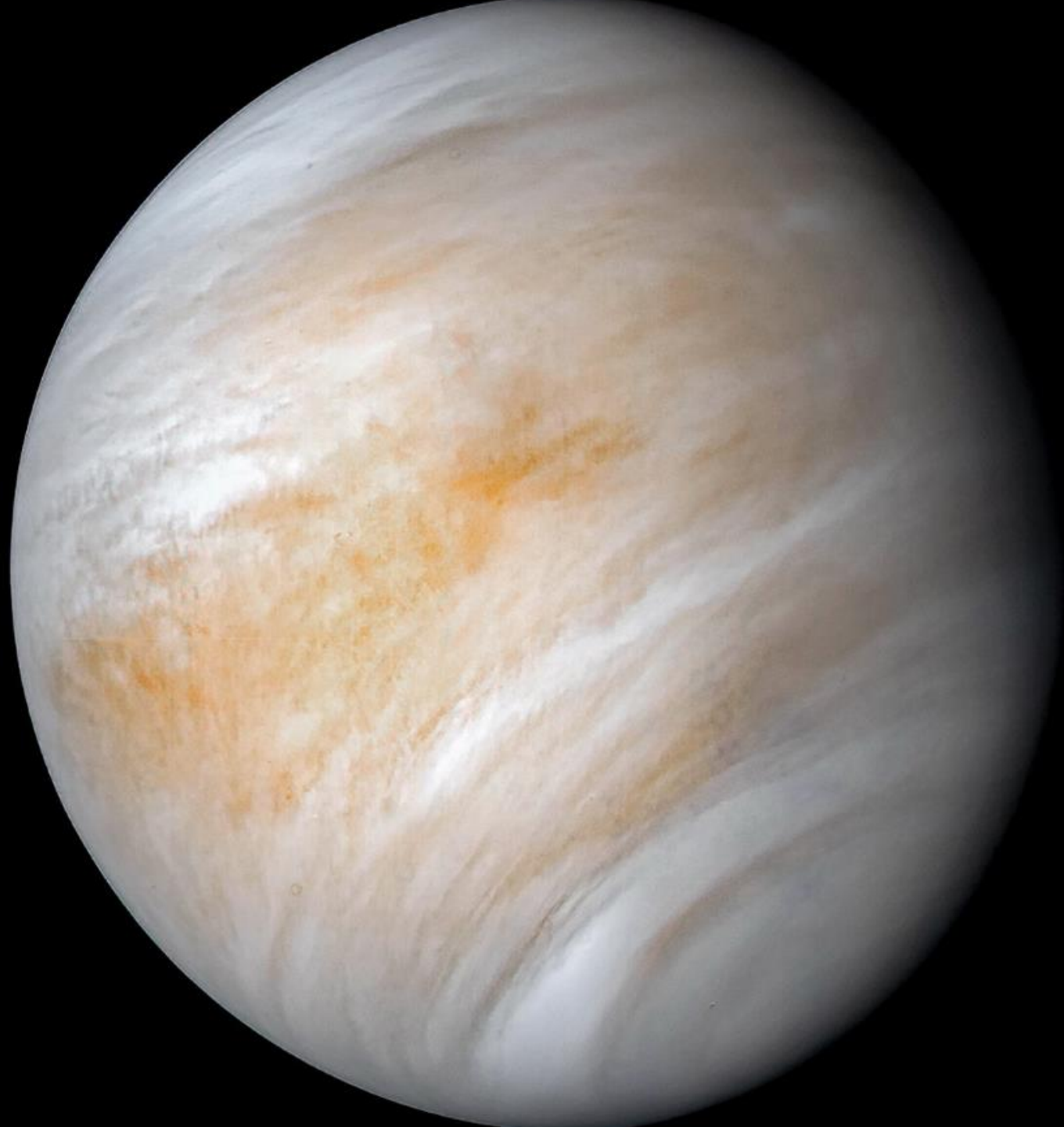


MERCURY





VENUS





A satellite view of Earth showing the Middle East, Africa, and parts of Europe and Asia. The image is a high-resolution satellite photograph of the Earth, showing the Middle East, Africa, and parts of Europe and Asia. The landmasses are colored in shades of brown, tan, and green, while the oceans are a deep blue. White clouds are scattered across the scene, particularly over the Indian subcontinent and the Middle East. The word "EARTH" is written in large, white, bold, sans-serif capital letters in the upper right corner of the image.

EARTH

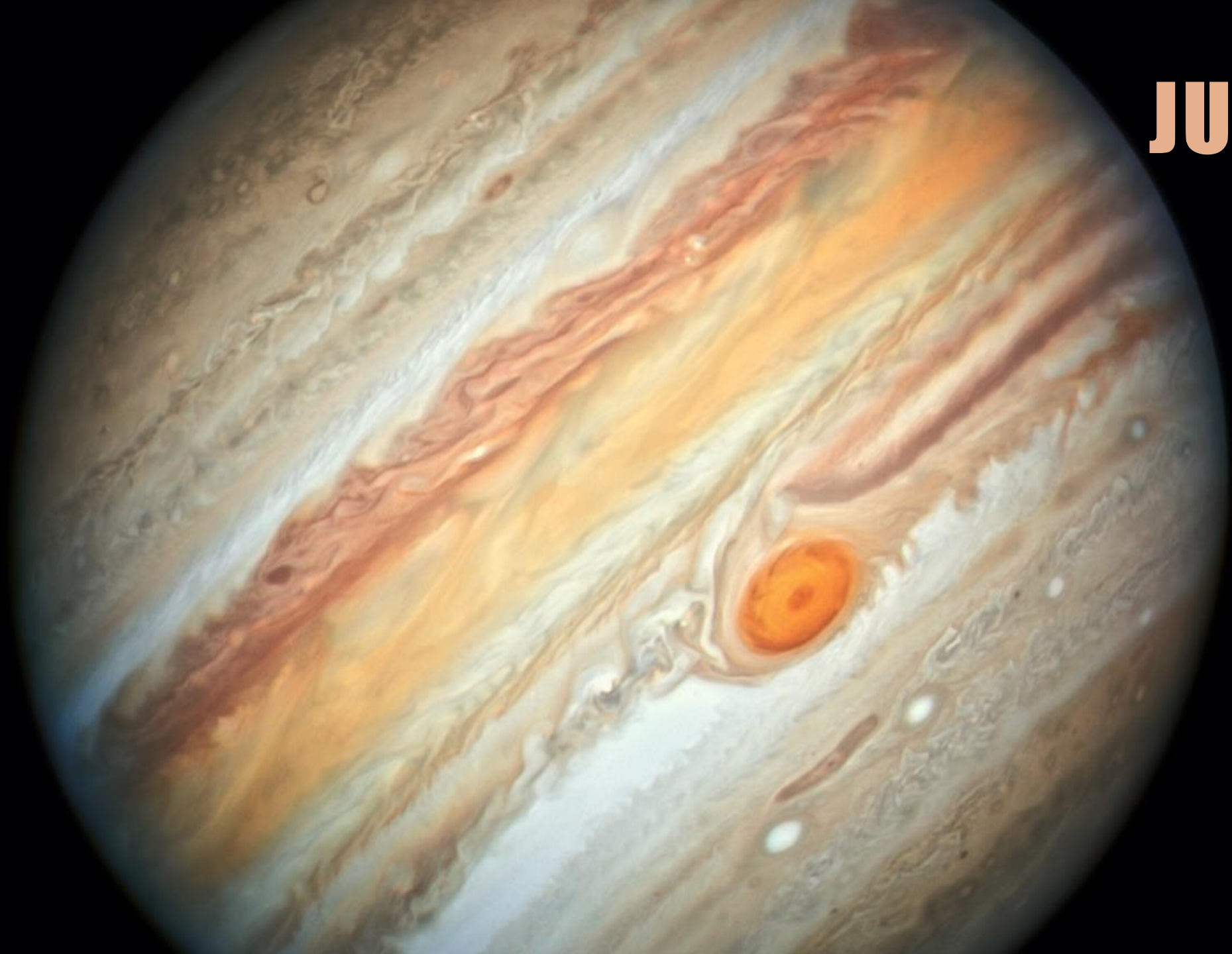


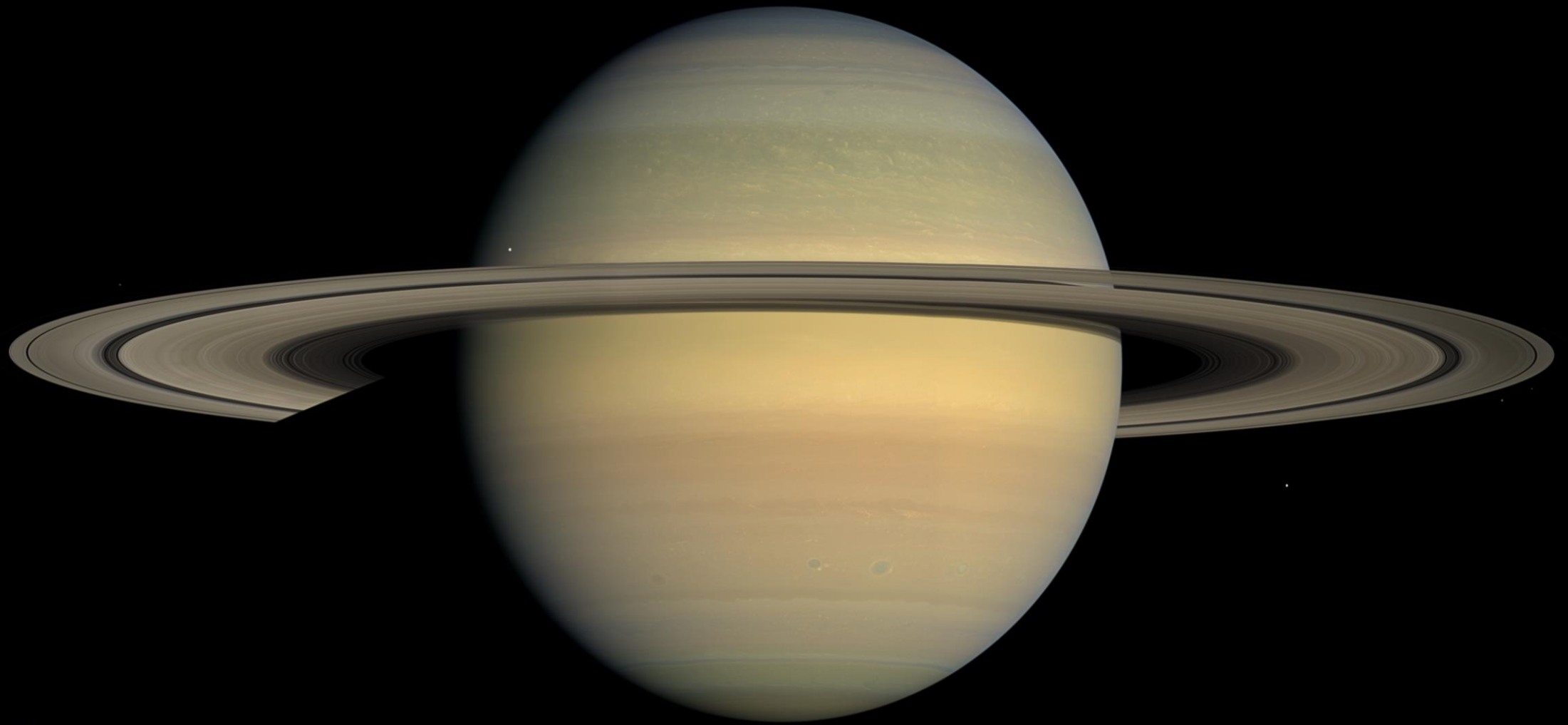
MARS



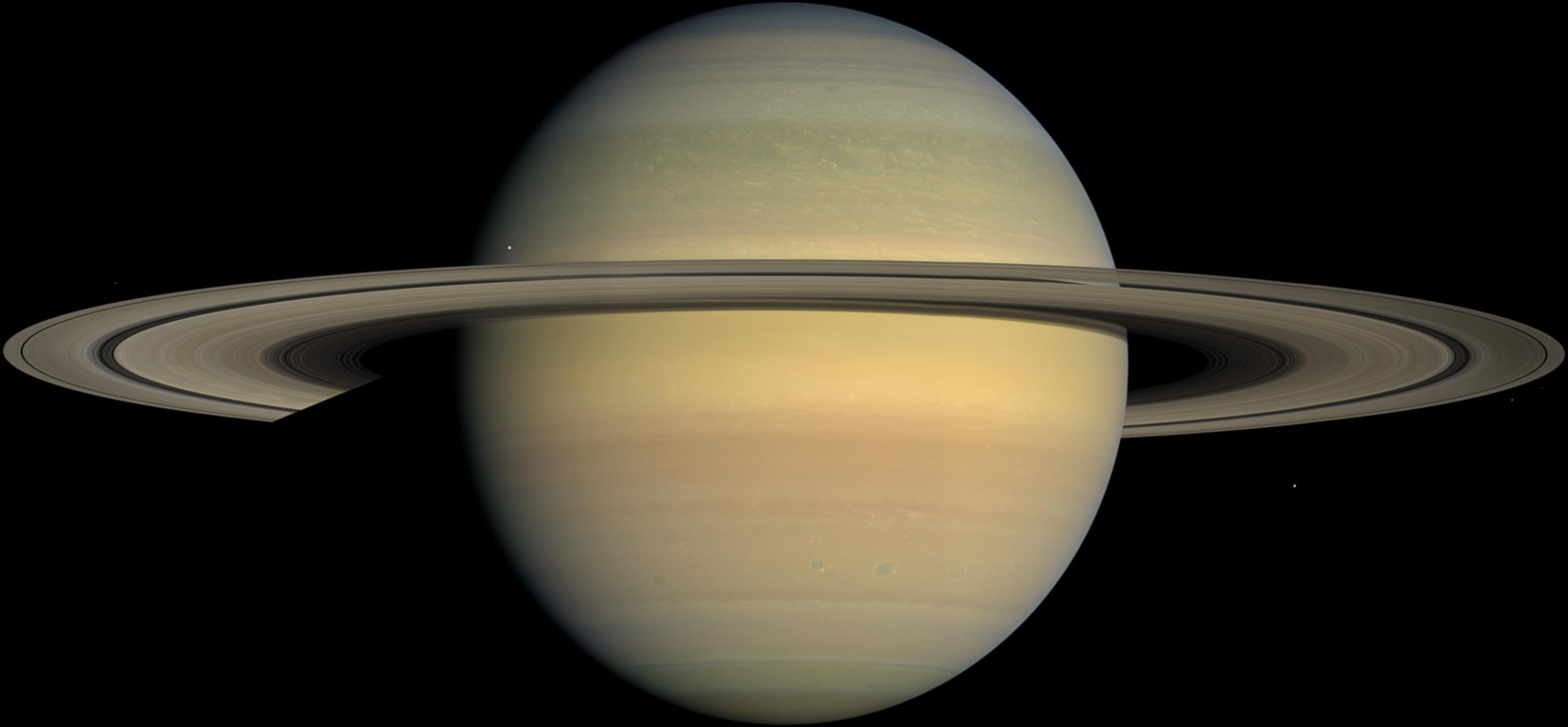


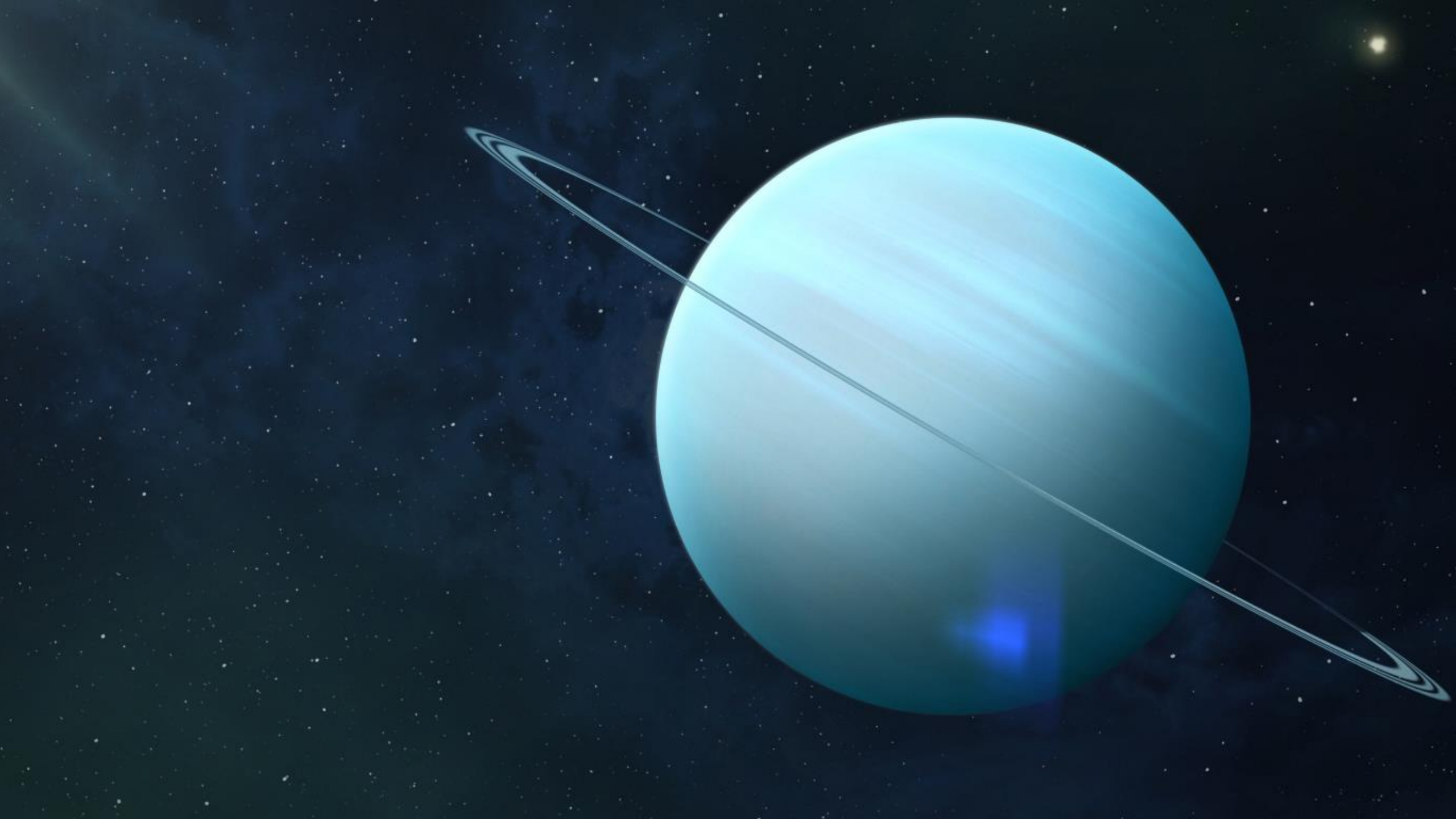
JUPITER





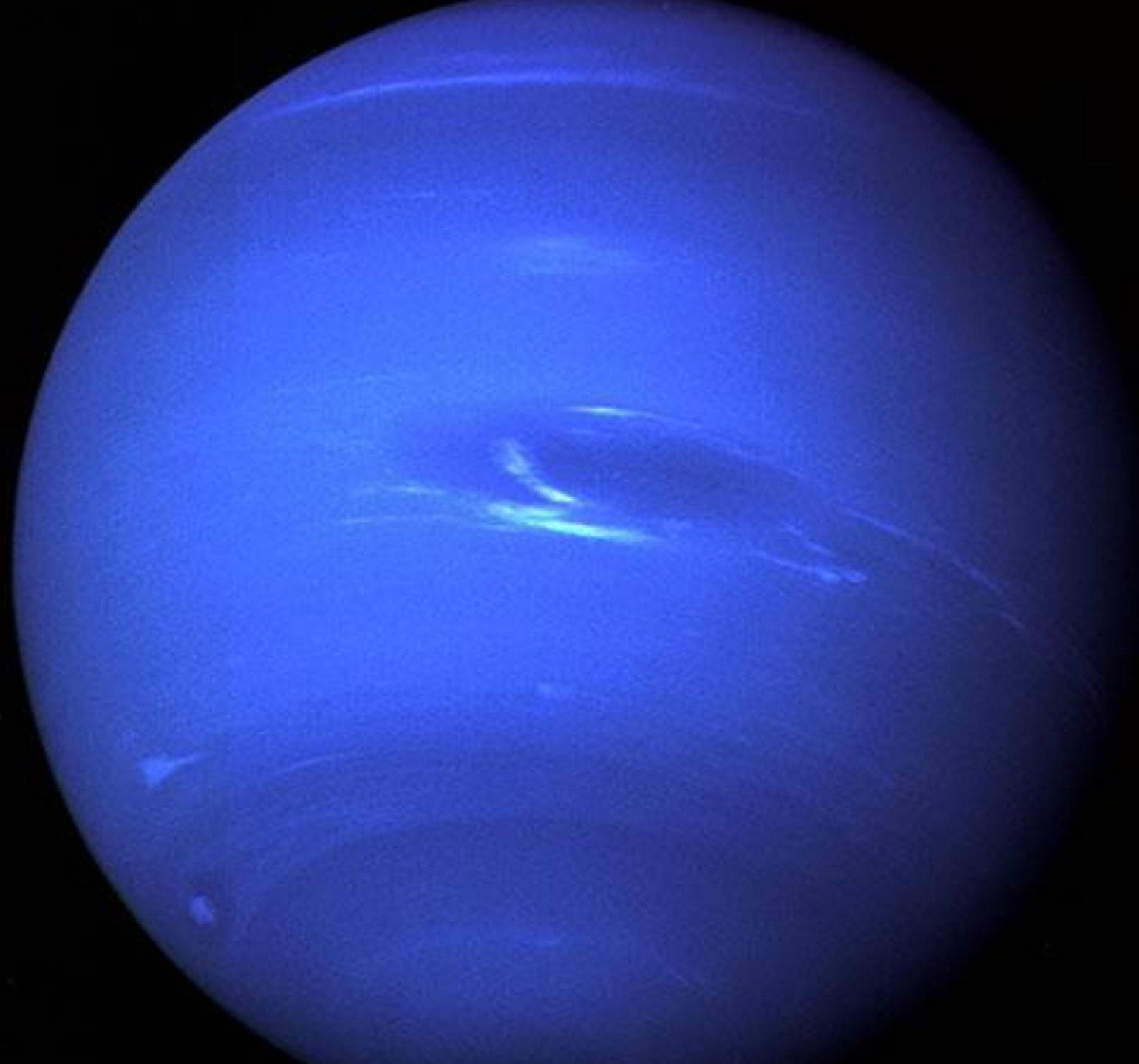
SATURN

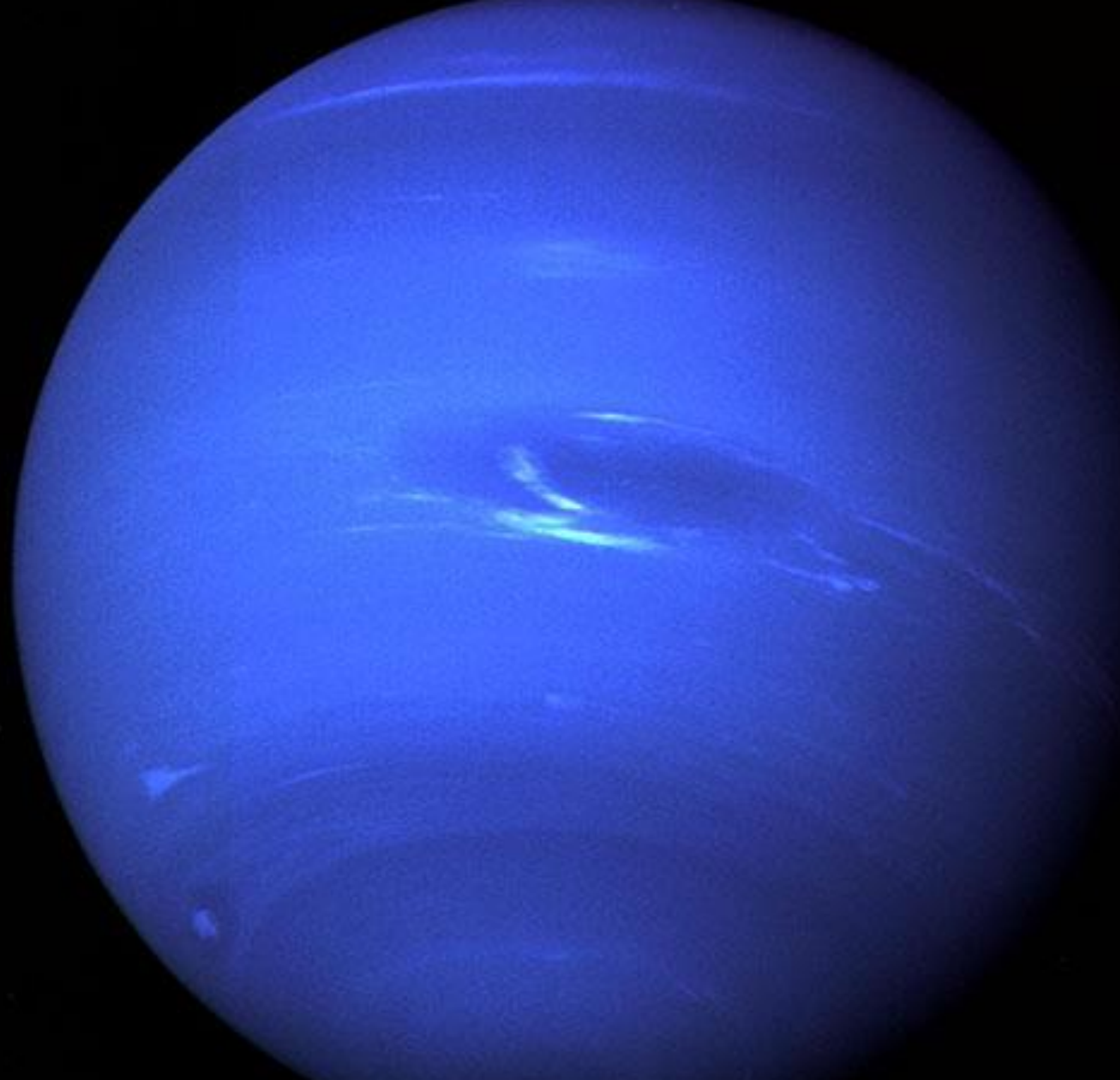




URANUS

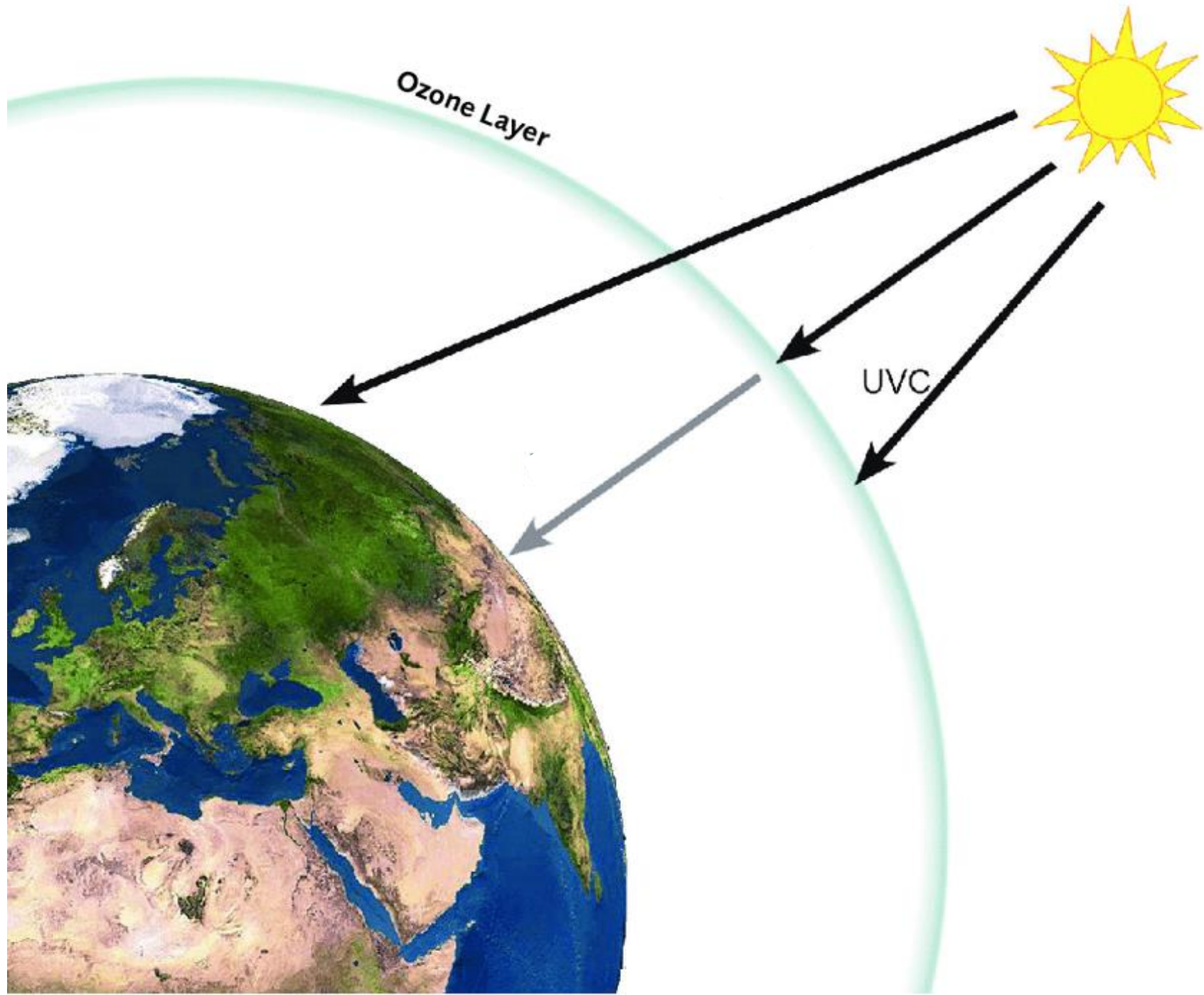


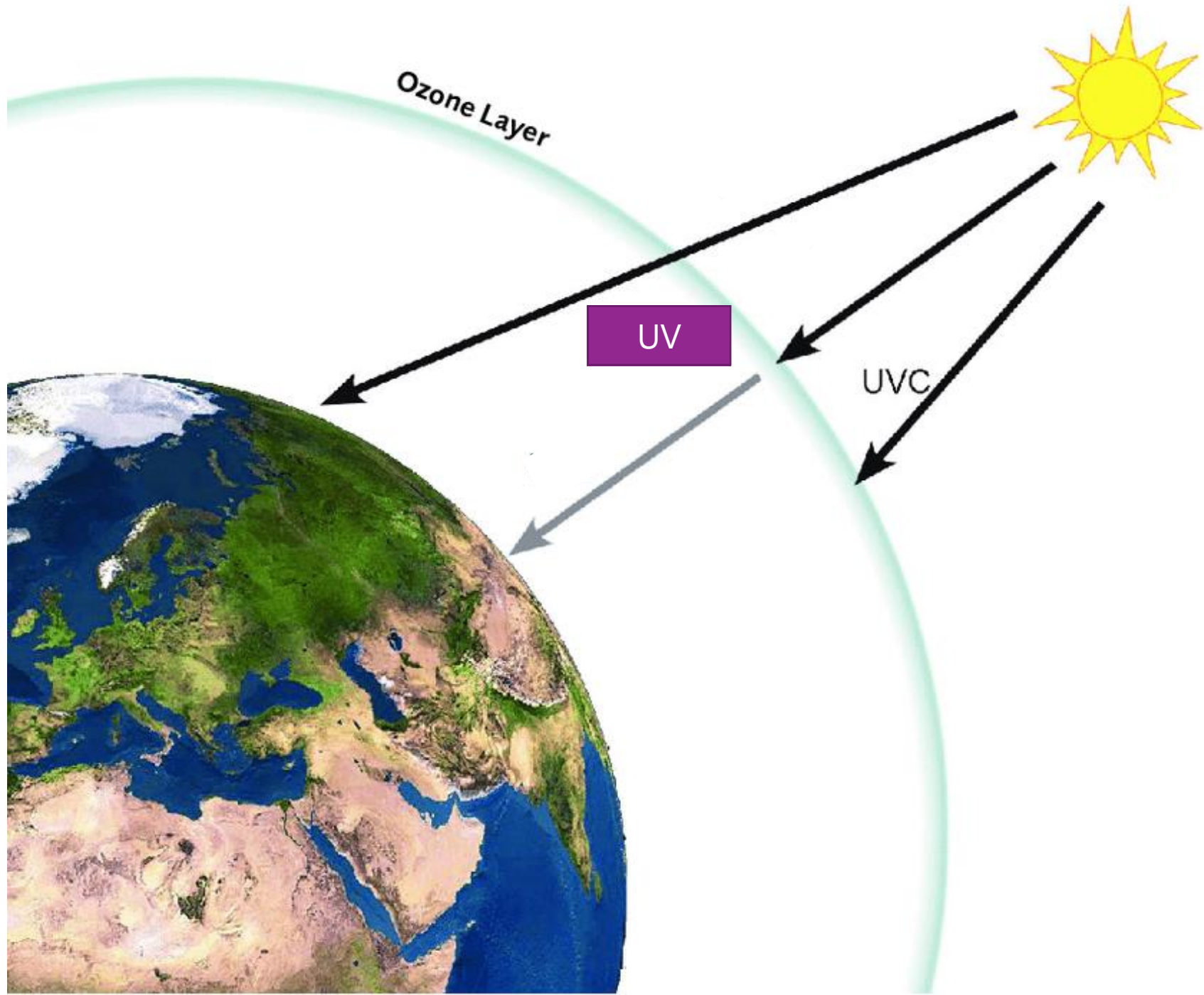




NEPTUNE

1 Would you like to travel to another planet?
Why? / Why not?





2 Read the text. Do you think the Mars One project is a good idea? Give reasons for your answer.



The Mars One project is planning to send people to Mars to live there permanently. The idea of living on other planets clearly appeals to a lot of people, because over 200,000 individuals want to take part in the mission. But how will the settlers adjust to the conditions on Mars? Here are some of the problems they will face.

- The atmosphere consists of 95% carbon dioxide and almost no oxygen.
- The settlers will have to cope with very low temperatures (similar to Antarctica) and very high levels of ultra-violet radiation.
- Gravity is only 38% of that on Earth. We need to learn more about the effects that would have on their bodies.
- Mars Rovers have already searched for water on Mars but have found none that is in liquid form.

The plan is to send another Rover to Mars in 2018. Its job will be to prepare for the arrival of the first four settlers in 2025. It will construct 'houses' for the inhabitants, with a supply of fresh air, water and solar power. After that, four more settlers will arrive every two years. How long will the settlers stay? Nobody knows. The volunteer settlers will get a 'one-way ticket'. It may be possible to bring them back to Earth at some point in the future, but there is no guarantee!

- 4 **DICTIONARY WORK** Read the **Dictionary Strategy**. Then look at the dictionary entry for *recover*. Which preposition is used with it?

recover /rɪ'kʌvə(r)/ *verb* [I] 1 **recover (from sth)** to become well again after you have been ill: *It took him two months to recover from the operation.* 2 [I] **recover (from sth)** to get back to normal again after a bad experience, etc.

5 Complete the sentences with the words below. Use a dictionary to check your answers if you need to.

about apologised asked laugh of with

- 1 I _____ for my late arrival.
- 2 Dad complained _____ the noise from the neighbours.
- 3 I've often dreamed _____ flying to the moon.
- 4 We finished our meal and _____ for the bill.
- 5 Don't _____ at your little sister. It isn't kind.
- 6 Can you help me _____ my science homework?

6 **SPEAKING** Do you think people will ever live on Mars?
Why? / Why not? Use the phrases below to help you.

I think / don't think ... I'm not sure, really.

As I see it, ... To be honest, ...

For one thing, ... But then again, ...

It would(n't) be ... I would(n't) find it ...

Agree to

or

Agree
with

LOOK OUT!



Some verbs can be followed by more than one preposition, sometimes with a slight change in meaning, e.g. *shout at / shout to, agree with / agree to*.

My sister shouted at me because I lost her mobile.

I saw Liz on the other side of the road and shouted to her.

7 Read the **Look out!** box. Circle the correct prepositions to complete the sentences.

- 1 a Have you ever heard **of** / **about** wearable gadgets?
b Have you heard **of** / **about** John's new job?
- 2 a She has to care **for** / **about** her elderly mum.
b I don't care **for** / **about** money.
- 3 a You look worried. What are you thinking **about** / **of**?
b What do you think **about** / **of** my new dress?
- 4 a Throw the ball **at** / **to** me!
b It was unkind to throw a ball **at** / **to** the dog.
- 5 a I write **to** / **about** my penfriend about once a month.
b I wrote **to** / **about** my holiday on my blog.
- 6 a My teacher agreed **with** / **to** my request to leave early.
b I don't agree **with** / **to** you.

8 Complete the questions with the correct preposition.

- 1 What kinds of things do you worry _____ ?
- 2 When did you last argue _____ someone? Who? What _____ ?
- 3 Have you ever complained _____ anything in a restaurant or shop? What was the problem?
- 4 What kind of music do you listen _____ ?
- 5 When did you last take part _____ a race? How did you do?
- 6 If you were going to write a letter _____ someone famous, who would it be? Why?

- 9 **SPEAKING** Ask and answer the questions in exercise 8. Give extra details if you can.

What kinds of things do you worry about?

I worry about school work and exams.

ASSIGNMENT: WORKBOOK 9E

DEADLINE: THURSDAY