



1. observatory
[əb'zɜ:vətɹi]
2. telescope
['telɪskəʊp]
3. astronomer
[ə'strɒnəmə]
4. the solar system
[ðə 'səʊlə ,sɪstəm]
5. the sun [ðə 'sʌn]
6. Mercury
['mɜ:kjʊəri]
7. Venus ['vɪ:nəs]
8. Earth [ɜ:θ]
9. Mars [mɑ:z]
10. Jupiter ['dʒu:pɪtə]
11. Saturn ['sætɜ:n]
12. Uranus
['jʊərənəs]
13. Neptune
['neptjʊ:n]
14. orbit ['ɔ:bɪt]
15. constellation
[ˌkɒnstə'leɪʃən]
16. meteor ['mɪtɪəriə]

Unter www.spotlight-online.de/teachers/picture-it finden Sie Übersetzungen und das gesamte Vocabulary-Archiv.

VOCABULARY

Stargazing

Fifty years ago, Neil Armstrong set foot on the moon, but mankind has been fascinated by the universe for millennia. ANNA HOCHSIEDER takes you on a celestial journey.

MEDIUM PLUS

Celestial bodies

You and I may never walk on the **moon**, but why not try **stargazing** instead? On a clear, warm summer night, pack your **binoculars** and a **star chart** and head for a spot in the country, away from **light pollution**.

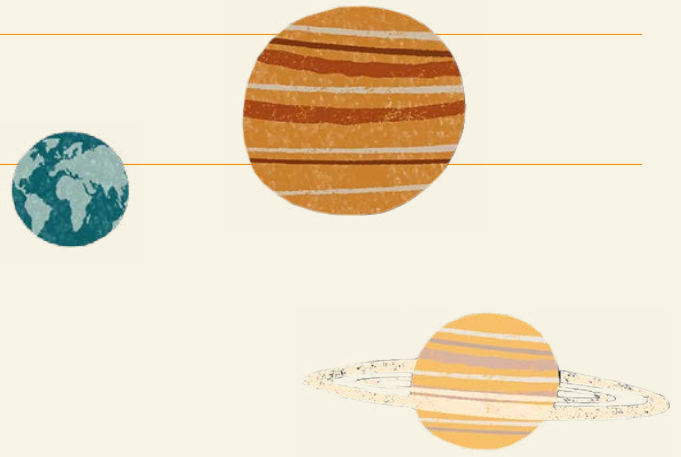
In August, in particular, there's a good chance that you will see a **shooting star**. Look out for the **Perseids**, the **meteor showers** that seem to **radiate** from the **constellation** of Perseus. They are **visible to the naked eye**, so you won't even need **astronomical equipment** — and don't forget to **make a wish!**

If you're not sure where to find Perseus, look to the north-east and search for **the Plough** (N. Am. **Big Dipper**), which resembles a handcart. Trace an imaginary line from its front end through the **North Star** to **Cassiopeia**. This constellation looks like the letter "W" turned on its side. From there, continue right at an angle of 90 degrees to find **Mirfak**, the **brightest star** in Perseus.

There may be an **observatory** or a **planetarium** near where you live. Although most observatories are used for **scientific research**, some invite **laypersons** to use their **telescopes**. Planetariums present shows about **astronomy** to the general public. Both are great places for learning more about our **solar system** with its eight **planets**, and about the wonderful **galaxy** the **Milky Way**, of which our solar system forms a part.

PRACTICE

Now, try the following exercises to practise talking about stargazing.



Exercise 1	E
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Test your knowledge of our solar system. Cover the illustration on page 48 before writing in the missing letters below. Then check your answers against the picture.

A. Which planet is closest to the sun?
 e

B. Which planet is furthest from the sun?
 e

C. Which planet is the largest?
 e

D. Which planet is situated between Venus and Mars?
 t

Exercise 3	A
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Practise saying the words below, paying particular attention to syllable stress.

Main stress on first syllable:
galaxy | **Jupiter** | **Mercury** | **meteor** | **Perseids** | **Perseus** | **telescope** | **Uranus**

Main stress on second syllable:
astronomer | **astronomy** | **binoculars** | **celestial** | **observatory**

Main stress on third syllable:
astronomical | **planetarium**



Exercise 2	M
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Study the text on the opposite page to find the words that match the definitions below.

A. A(n) “..... body” is an object in the sky or in space, such as a planet or a star.

B. “.....” is a word that means “observing the stars”.

C. A(n) “.....” is a group of stars that forms a certain shape and has a name.

D. “.....” is **artificial** light from cities that makes it difficult to see the night sky.

E. A(n) “.....” is a small meteor that creates a line of light as it shoots through the sky.

F. A(n) “.....” is someone who does not have expert knowledge of a particular subject.

G. A(n) “.....” is one of the large systems of stars and planets that make up the universe.

“Stargazing”, “astronomy” and “astrology”

The term **stargazing** is used loosely to refer both to **astronomy** and **astrology**. But don't confuse the two! While “astronomy” is the scientific study of stars, planets and other **celestial bodies**, “astrology” is a pseudoscience that involves watching the positions and movements of stars and planets to see how they might influence people and events.

artificial [ˌɑːtɪˈfɪʃl]
 ➤ künstlich

celestial body
 [səˌlestiəl ˈbɒdi]
 ➤ Gestirn, Himmelskörper

stargazing [ˈstɑːɡeɪzɪŋ]
 ➤ Sternenbeobachtung

Answers

- A. Mercury
 - B. Neptune
 - C. Jupiter
 - D. Earth
- A. celestial
 - B. Stargazing
 - C. constellation
 - D. Light pollution
 - E. shooting star
 - F. layperson (also: layman, laywoman)
 - G. galaxy
- 3. Listen to the correct pronunciations at www.spotlight-online.de/stargazing