

Survey: Eurostronomia mobility 4



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*Dear Pupils, Parents and Friends of our schools,
as part of our Erasmus+ Project "Eurostronomia" we are carrying out
a survey to evaluate our project. We would be very grateful if you could take a few minutes to complete
this on-line survey.*

Your answers will remain anonymous.

Thank you very much for your support.

Remark on answering the questions:

Questions with -marks mean: there is exactly one correct answer.

Questions with -marks mean: there might be more than one correct answer.

1) General

1. In which country do you live?

- | | |
|---------------------------------|--------------------------------|
| <input type="radio"/> Bulgaria | <input type="radio"/> Romania |
| <input type="radio"/> France | <input type="radio"/> Scotland |
| <input type="radio"/> Germany | <input type="radio"/> Slovenia |
| <input type="radio"/> Macedonia | <input type="radio"/> India |
| <input type="radio"/> Portugal | <input type="radio"/> other |
-

2. How old are you?

years

3. What's your sex?

- | | |
|------------------------------|----------------------------|
| <input type="radio"/> female | <input type="radio"/> male |
|------------------------------|----------------------------|
-

4. Will or did you participate in the mobility in Dortmund (if travelling is possible)?

yes no

2) Astronomy

Stars

5. Mark the age of the sun:

 4.6 thousand years 4.6 billion years 4.6 million years 4.6 trillion years

6. Mark the distance between the sun and Proxima Centauri, the star which is closest to the sun:

 420 000 km 4.2 lightyears 4.2 million kilometers 42 lightyears

7. There are several different stages in the life cycle of a star. Mark those different stages:

 Big Bang White Dwarf Black Hole Electron Star Red Giant Neutron Star Blue Dwarf

8. Mark the main energy source of most of the stars:

 nuclear fusion fire nuclear fission electricity

9. Mark the main element in most of the stars:

 carbon helium oxygen hydrogen

10. The sun is an average mass star. In the universe there are more massive stars. These stars have a

 longer lifetime the lifetime doesn't depend on the mass. shorter lifetime

11. A supernova is

 a new-born star emitting its first rays of light a new galaxy an exploding galaxy a dying star exploding.

The Universe

12. Mark the approximate distance to the Andromeda galaxy, the galaxy which is closest to us:

- 2.5 lightyears
 - 2.5 thousand lightyears
 - 2.5 million lightyears
 - 2.5 billion lightyears
-

13. Mark the approximate number of galaxies in the universe:

- 2 thousand
 - 2 million
 - 2 billion
 - 2 trillion
-

14. Mark the diameter of the Milky Way:

- 1.7 lightyears
 - 170 lightyears
 - 170 thousand lightyears
 - 170 million lightyears
-

15. Mark the approximate number of stars in the Milky Way:

- 250 thousand
 - 250 million
 - 250 billion
 - 250 trillion
-

16. Mark the age of the universe:

- 13.8 thousand years
 - 13.8 million years
 - 13.8 billion years
 - 13.8 trillion years
-

17. What is the name given to the beginning of the universe?

- Big Bang
 - Big Easy
 - Black Hole
 - Big Five
-

18. When measuring the red shift of spectra of different galaxies, Edmund Hubble realised that the more distant galaxies are, the faster they are moving away from us. He concluded that the universe is expanding. Gravitation is slowing this expansion down.

This expansion will

- go on forever
 - slow down and eventually the galaxies will collide
 - slow down and finally stop
 - we don't know.
-

19. The universe mainly consists of

- ordinary matter (protons, neutrons, electrons)
 - dark matter and dark energy
 - radiation
 - gravitational waves.
-

20. The Microwave Background Radiation is a radiation observed on earth which is very isotropic. This means it is (almost) the same in all directions. This radiation is light

- emitted shortly after the Big Bang
- light from distant galaxies
- sunlight reflected by the planets
- radiation from microwave ovens on earth.

3) Exchange

21. Have you participated in an Erasmus- or Comenius project before?

yes

no

22. At how many mobilities of the current Erasmus project have you participated?

23. How many times have you participated in a foreign-exchange program of your school?

24. Estimate your ability to express yourself in a foreign language (English if not a native speaker in English) in everyday live:

poor 1 2 3 4 5 6 excellent

25. Do you have friends or family living abroad?

yes

no

26. Estimate your interest in learning about new cultures:

not at all 1 2 3 4 5 6 very interested

27. Estimate your interest in learning foreign languages:

not at all 1 2 3 4 5 6 very interested

28. Estimate your interest in making friends in a multilingual environment:

not at all 1 2 3 4 5 6 very interested

29. Estimate your interest in visiting foreign countries:

not al all 1 2 3 4 5 6 very interested

30. Estimate your interest in living and studying abroad:

not at all 1 2 3 4 5 6 very interested

The questionnaire is:

not yet ready

ready to submit

Thank you very much for your collaboration. The results will be published on our Erasmus+ Website.

submit

clear

This project has been funded with support from the European Commission.

Dieses Formular wurde mit GrafStat (Ausgabe 2018 / Ver 4.440) erzeugt.
Ein Programm v. Uwe W. Diener 11/2017.
Informationen zu GrafStat: <http://www.grafstat.de>