

## Rules for participating in the WorldSkills Web Development Competition

### National stage:

Phase I online – March 29, 2024

Phase II face-to-face (Bucharest) – May 30, 2024

The WorldSkills Web Development competition is organized by the WorldSkills Romania Foundation using the competition model proposed internationally by WorldSkills.

- Domain – Web Development • The competition is held in two stages. On March 29, between 09:00-13:15 – online stage. On May 30, 2024, the face-to-face stage.
- Registration and participation in the competition are free. • Any high school student from grades IX-XI, from the following profile can participate in the competition mathematics-computer science.
- The competition is held both in an online format (stage I) and in a face-to-face format (stage II). • Each stage contains 4 (four) exclusively practical tests, each test lasting **60 minutes**.

#### The 4 tests for the online competition are: - 1h -

graphic layout (photoshop or other software). **Working time: 09:00-10:00** - 1h - HTML CSS implementation. **Working time: 10:00-11:00** - 15 min - **break: 11:00-11:15** - 1h - PHP (without framework). **Working time: 11:15-12:15** - 1h - JavaScript. **Working time: 12:15-13:15**

#### Online competition

At the end of the time allocated to each competition test, the result is uploaded to an individual electronic folder, which will be sent by the organizers. Each competitor must have a valid GMAIL account. For each test, the result must be uploaded by each competitor to the individual folder as follows: - **For the first competition test**, each participant receives the topics 5 minutes before

the time allocated to this test. After solving the competition topics related to this test, each participant will upload to the allocated folder what he worked on **until 10:00 at the latest**.

***Any delay leads to the non-consideration of that topic, regardless of whether it was resolved correctly or not;***

- **For the second competition test**, each participant receives the topics 5 minutes before the time allocated for this test. After solving the competition topics for this test, each participant will upload what they worked on in the assigned folder **by 11:00 at the latest**.

***Any delay leads to the non-consideration of that topic, regardless of whether it was resolved correctly or not;***

- **For the third competition test**, each participant receives the topics 5 minutes before the time allocated for this test. After solving the competition topics related to this test, each participant will upload what they worked on in the assigned folder **by 12:15 at the latest**.

***Any delay leads to the non-consideration of that topic, regardless of whether it was resolved correctly or not;***

- **For the fourth competition test**, each participant receives the topics 5 minutes before the time allocated for this test. After solving the competition topics related to this test, each participant will upload what they worked on in the assigned folder **by 1:15 p.m. at the latest**.



*Any delay leads to the matter not being considered, regardless of whether it was resolved correctly or not.*

#### Other notes: •

The link to the folder assigned to each participant will be sent by email on March 28. • Each uploaded material is noted as follows: Test1\_LastName\_FirstName, Test2\_LastName\_FirstName

And so on

- Students' work will be done according to the assigned homework. Work that does not comply with these conditions will be automatically rejected.
- Students will not work on the server, but will work on their own units. • The design theme can be worked on in any software, as long as the respective software can use layers. **Only the final format matters.** It is important that it (the final result) can be opened, and that layers are used in the resulting design.
- The subjects will be sent one by one (as specified above), about 5 minutes before the start of the time allocated to each competition test. **It is very important that students upload each solved subject in a timely manner, in the allocated folder.** For example, the first subject, the one that will be solved between 09:00-10:00, will be sent no later than 10:00, the second, no later than 11:00. Similarly for the next two subjects. Anything sent after this time will not be taken into account. Also, any modification made to the document uploaded after the imposed time will not be taken into account for correction. • At this stage, for Javascript (Attention NOT JAVA!!!) and PHP, frameworks will NOT be used, as they are too difficult to install in such a short time, but a test in native language will be given, which can be done in the allotted time – 1 hour.
- Before the actual competition, participants have access to model topics similar to those which will be given during the competitions in Romania in 2024.
- Within each event, **the ranking** is done in descending order of scores obtained.

#### Benefits

- All participants and coordinating teachers receive certificates of participation. • **The competition is recognized by the Ministry of Education of Romania and is included in the Calendar of National School Competitions – 2024 (no. 24750/29.01.2024). Details at: [link calendar](#).**
- The competition is held according to the international WorldSkills standards. • The competitors ranked in the top 10 places in the online stage participate in the face-to-face stage held in Bucharest, on May 30, 2024. • The top 3 ranked in the face-to-face competition in May 2024 enter the Romanian National Web Development Lot and benefit from intensive training in order to participate in the International Skills Olympiads ([WorldSkills Lyon, France – September 2024](#)) and European ([EuroSkills Herning, Denmark – September 2025](#)).  
*The intensive preparation for participation in the European and **international** stages will also involve a one- week **training** camp abroad , alongside the national team of another country. The camp will **take place** between June and August 2024, **with all costs covered by the organizers.***

Topic templates for national, European and international phases are available **at this link** – <https://shorturl.at/nvES8> **The Word documents**

contain topic models for the national selection. The PDF and the two archives contain topic models from the European and international phases. The 4 PDFs "Module-edition-I-Web-Development-2023" 1-4 represent last year's samples, from the first edition.

Also, the 4 Excel documents "Module\_marking\_scheme" 1-4 represent the scale for each test.

## About the WorldSkills Romania Foundation (WSRO)

WorldSkills Romania Foundation is a non-profit organization, part of international movements and European WorldSkills. Globally, WorldSkills' vision is to improve the world through the power of professions, and its mission is to increase recognition of professionals and to show how important professions and professional qualifications are in achieving economic growth and personal success.

All WorldSkills programs and projects are implemented in Romania **based on protocol no. 15310 of 25.10.2021, concluded between the Ministry of Education and the WorldSkills Romania Foundation.**

WorldSkills Romania Foundation supports professional performance among young people, for personal success and development of Romania through:

- promoting excellence in the professional field; • providing relevant learning experiences in various professional fields; • facilitating collaboration between the various organizations involved in supporting the guidance, training, integration and professional development of young people, for a better correlation between the education system and the labor market.

WSRO offers various opportunities for young people to discover their aptitudes, inclinations, passions and to develop their skills, attitudes and knowledge, so that, through their professional activity, they contribute to a better world. WSRO develops these opportunities by collaborating with other organizations, its role being to: • create learning experiences in the professional field for both young people and those

- who supports them to discover and exploit their potential;
- connector and facilitator of collaboration between organizations that can contribute to the discovery and developing the potential of young people;
- promoter of good practices in the field of training, integration and professional development of young people.

The vision of WorldSkills Romania is for every young person to discover and develop their potential professionally, thus contributing to a better world.

To achieve our mission, we work alongside vocational and technical education institutions (VET), the business environment, authorities, experts and other NGOs.

**We encourage you to contact us if you have any questions and/or concerns.**

Any questions/concerns regarding the competition can be addressed here until Thursday, March 28, 2024, latest: <https://forms.gle/YFiK4KLzjxBntFDX8> Both

questions and answers are centralized here: <https://shorturl.at/pyEIQ>

Please carefully read the questions and answers already asked to avoid repeating questions and to stay up to date with all the details regarding the tests and the conduct of the competition.

### Contact person:

**Virginia Bujor**

Project Manager, WorldSkills Romania Foundation Tel.: 0740 932 615

Email: [virginia-bujor@worldskills.ro](mailto:virginia-bujor@worldskills.ro)

**WORLDSKILLS ROMANIA**