

Education&Skills Online Assessment

(in Slovenian Ocenjevanje spretnosti,
spletni vprašalnik (SVOS))

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Projekt je sufinancirala Europska unija iz Europskog socijalnog fonda.



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E&S Online



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Education & Skills Online assessment (E&S Online) is a joint OECD and European Commission initiative.

It was created after 2013 following the first publication of PIAAC results.

E&S Online: a reliable and standardized instrument



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It is based on methodology and population estimates of **PIAAC research** results, therefore it can only be carried out in countries that have already carried out the PIAAC research.

Instrument provides **immediate, valid** and **reliable results** of basic individual's skills needed at work and in private life. **Comparable to national and international results.**

E&S Online: a reliable and standardized instrument



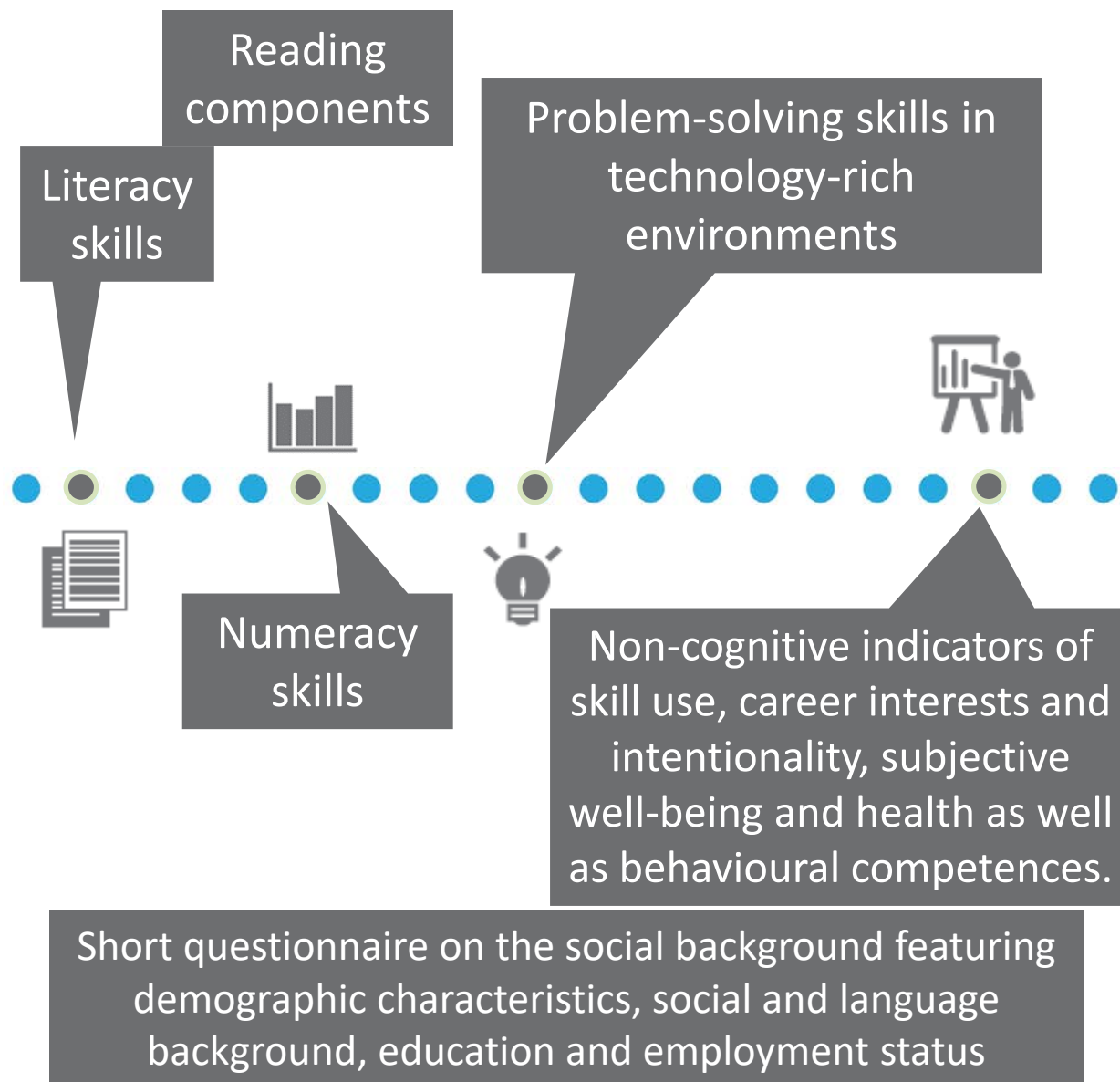
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The instrument provides **added value to PIAAC's investment** in population testing, as it enables the identification of specific **needs of the individual** and the long-term planning of the education and development of an individual's career.

The skills assessed



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Example: Literacy skills

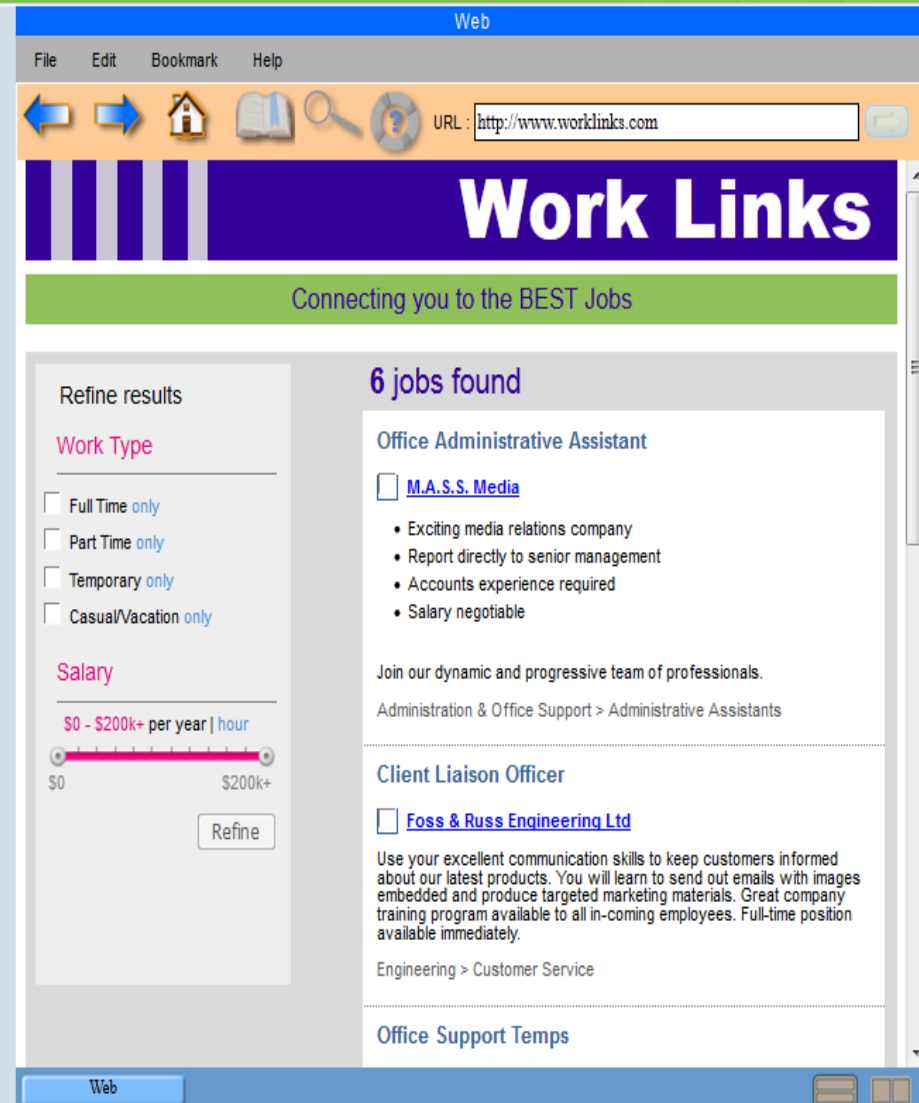
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Unit 1 - Question 1/1

Look at M.A.S.S. Media's "Office Administrative Assistant" webpage. Click a link on this page to answer the question below.

Kerry is interested in working for M.A.S.S. Media, but the office administrative assistant job is not suitable for her.

Where could Kerry find out what other positions are available at M.A.S.S. Media?



The screenshot shows a web browser window with the address bar displaying <http://www.worklinks.com>. The page title is "Work Links" with the tagline "Connecting you to the BEST Jobs".

The main content area is titled "6 jobs found" and lists the following results:

- Office Administrative Assistant**
 - [M.A.S.S. Media](#)
 - Exciting media relations company
 - Report directly to senior management
 - Accounts experience required
 - Salary negotiable

Join our dynamic and progressive team of professionals.
Administration & Office Support > Administrative Assistants
- Client Liaison Officer**
 - [Foss & Russ Engineering Ltd](#)

Use your excellent communication skills to keep customers informed about our latest products. You will learn to send out emails with images embedded and produce targeted marketing materials. Great company training program available to all in-coming employees. Full-time position available immediately.

Engineering > Customer Service
- Office Support Temps**

The left sidebar contains filters for "Work Type" and "Salary".

Work Type

- Full Time only
- Part Time only
- Temporary only
- Casual/Vacation only

Salary

\$0 - \$200k+ per year | hour

\$0 ————— \$200k+

Refine

Unit 1 - Question 1/1

Look at the information about workplace injuries at Beauchamp Manufacturing. Click on the graph to answer the question below.

The factory manager checked this graph that had been prepared using the data in the table for 2011. He noticed that two bars were incorrect.

Click on the two incorrect bars on the graph.

Example: Numeracy skills



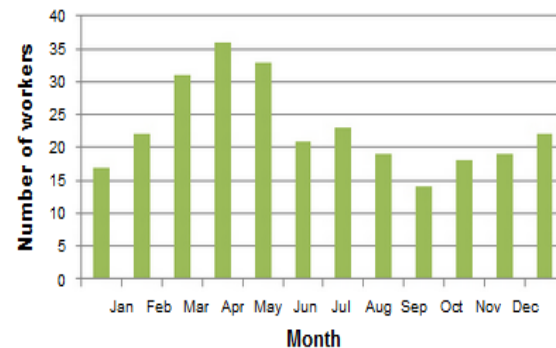
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BEAUCHAMP MANUFACTURING

Number of workers injured

Month	2010	2011
Jan	20	17
Feb	21	22
Mar	34	31
Apr	30	36
May	35	33
Jun	28	23
Jul	24	21
Aug	25	19
Sep	19	14
Oct	23	18
Nov	22	19
Dec	19	22
TOTAL:	300	273

Number of workers injured per month in 2011



The Beauchamp Manufacturing company records its workplace accidents each year. The table above shows the number of workers injured during each month for 2010 and 2011.



Example: Problem- solving skills in TRE



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Unit 6

You ordered a desk lamp from KE-Lamps.com.

The desk lamp arrived, but it was not the color you ordered.

Using the company's website, arrange to exchange the lamp you received for the one you ordered.

Once you have finished, click Next to go on.



Web

File Edit Bookmark Help

← → Home Book Search ? URL:

KE-Lamps.com
The best way to light your life

Bedroom Lamps

Desk Lamps

Floor Lamps

Table Lamps

New Arrivals

SALE!



[Customer Comments](#)

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Email



Why E&S Online in Slovenia?



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Concerning the state of (basic) skills of the active population in Slovenia



SI has a large proportion of adult
with low levels of skills

- Low level of skills= less than 2nd level of literacy and numeracy skills in PIAAC

OECD 26%

Low skilled adults in Slovenia: **33% = 400,000**
people

- 250,000 will have to compete in the labor market for at least another 10 years;
- 140,000 at least another 20 years

Why E&S Online in Slovenia?



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Analysis of some of the characteristics of work and development of competences

Slovenes among all countries **use ICT very often** (2nd place), but we spend a **very little time solving complex problems** (26th place).



A lot of attention is devoted to **situational learning** (6th place), but it is characterized **by low autonomy of work design** (23rd place) and **low possibility of choosing working time** (among the lowest educated 29th place).

Those with lower education spend **very little time reading at work** (29th place).

About the project E&S Online in Slovenia?



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The **Ministry of Education, Science and Sport** has provided support to the implementation of the E& Online project within the scope of the multi-annual development project entitled **Development of Basic Competences 2016–2022** carried out by the SIAE.

SIAE in cooperation with OECD, ETS, cApStAn.

About the project E&S Online in Slovenia?



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Project tasks (translations, coordination, testing of the demo version, field test, evaluation...)

Field test (may-july 2017)

1200 test
takers form 16
to 65 years old

With the
support of the
Ministry



More than 33
institutions with
their partners from
all over Slovenia

By adjusting and
field testing, we
obtained a
standardized and
internationally valid
instrument.

E&S Online as a tool for individuals' development and career planning



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An effective tool for many institutions and services involved in the development of human resources.

It provides results of individual skills that are **comparable to national and international indicators.**

Diagnostic tool for quality and efficient planning and implementation of evaluation of previously acquired knowledge, counseling, education and training, and employment.

The main benefits and potential users foreseen

Employment services – for the assessment of the skills and educational needs of the unemployed.

Employers – for the assessment of the needs for employee training.

Educational institutions that carry out adult literacy programmes and wish to acquire data on the deficits in the skills of adult participants and evaluate the benefits of education with respect to national and international indicators.

Other educational institutions such as universities, secondary schools and training centres that can use the E&S Online assessment as a diagnostic tool for the determination of deficits in the skills of pupils and students during their education.



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The main benefits and potential users foreseen

Government services that require data on the educational needs of target (vulnerable) groups.

Public or private companies that can use test results to determine deficits in the skills of employees as well as their educational needs.

Education and training providers wishing to evaluate the effects of training or use the tool for diagnostic purposes prior to engaging in training.

Researchers who wish to perform analyses for individual selected smaller target groups and compare the data with national or international data.

Adults of different ages who wish to re-enrol in education and training or test their qualifications for work or simply see to what extent their abilities have changed and training.



How is the assessment going?



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Assessment takes place only in **computerized format**. It can be done on a computer that has **Internet access** and meets system requirements.

Modularly assembled.

Immediate **descriptive report** with results.

Who can take the assessment?



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Assessment E&S Online is suitable
for **adults of all ages.**

Only organizations can purchase
authorisation numbers.

Currently is available in the following
language versions: **Czech, English,
French, Italian, Japanese** and
Spanish → 2018: **Russian, Estonian,
Slovak, Slovenian**

Advantages and opportunities



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- The instrument is a synthesis of several aspects, so the results can be considered holistically, so the **effects are longer and deeper**.
- Results are available **immediately** in **descriptive** form. They are standardized and comparable with national and international PIAAC results.
- Research institutions can obtain data for **further analyzes** and **comparisons** with national or international data, which is very important for AE planning, as national skills research is carried out only on longer periods of time.



Advantages and opportunities



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- It is an effective tool for many institutions and services practically in all sectors and industries, as it provides an **instant insight** into the **quality** of human resources, and thus makes more meaningful investments in human resources.
- Systematic planning of the individuals career - to remain active in the labor market and maintain employment.
- By analyzing the skills of (vulnerable) target groups, it would be possible to achieve a **better match between the existing basic skills and the current and future needs of the labor market**. For this purpose, SVOS databases can be linked to other available data for **forecasting skills needed**. With this work, SVOS is also a tool to support policy makers for **data-based decision-making**.

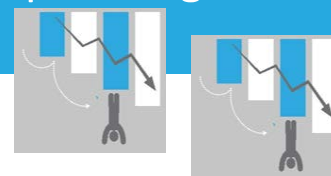
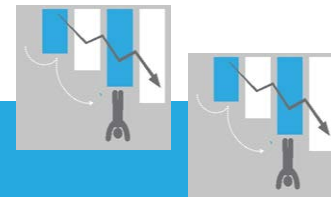


Possible weaknesses and hazards



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- Use only through a computer.
- It is possible that adults from individual groups **will not be able to fully understand and use** the diagnostic report.
- The **results can be misused** for partial purposes, if national guidelines for data security and care for educational ethics are not set up.
- The risk may be that adults from vulnerable groups **will not want to take the assessment**, for the same reason they refuse to participate in education and training.
- The results **can be used for short-term** action that will not give the expected results in skills development, raising the level of education and improving the position of the individual in the labor market, as we believe that the potential of the instrument can be fully exploited if expert guidance or educational or career planning is provided.





Besedilne spretnosti in posamezne bralne komponente



Matematične spretnosti



Spretnosti reševanja problemov v tehnološko bogatih okoljih



Uporaba spretnosti
Osebnostne blaginje in zdravje
Vedenske kompetence
Poklicni interesi in namere

Opisno poročilo z rezultati



Umestitev posameznika na nacionalni in mednarodni ravni



Osebnostni in karierni razvoj

Razvoj človeških virov



The work with the instrument will continue with the **new development project.**



Ministry has enabled **the national implementation** of the instrument by 2022.

SIEA is establishing a **National point 'Adult Skills'** - will support the implementation (organizational, analytical, research and professional development and education).

Co-operation with various stakeholders (Chamber of Commerce and Industry of Slovenia; 'Skills lab'; training of advisors for education and career development for the use of the instrument).

Thank you for your attention!

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<https://pismenost.acs.si>



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