



SUPPORTING ACTIVE LEARNING

LEARNING SITUATIONS

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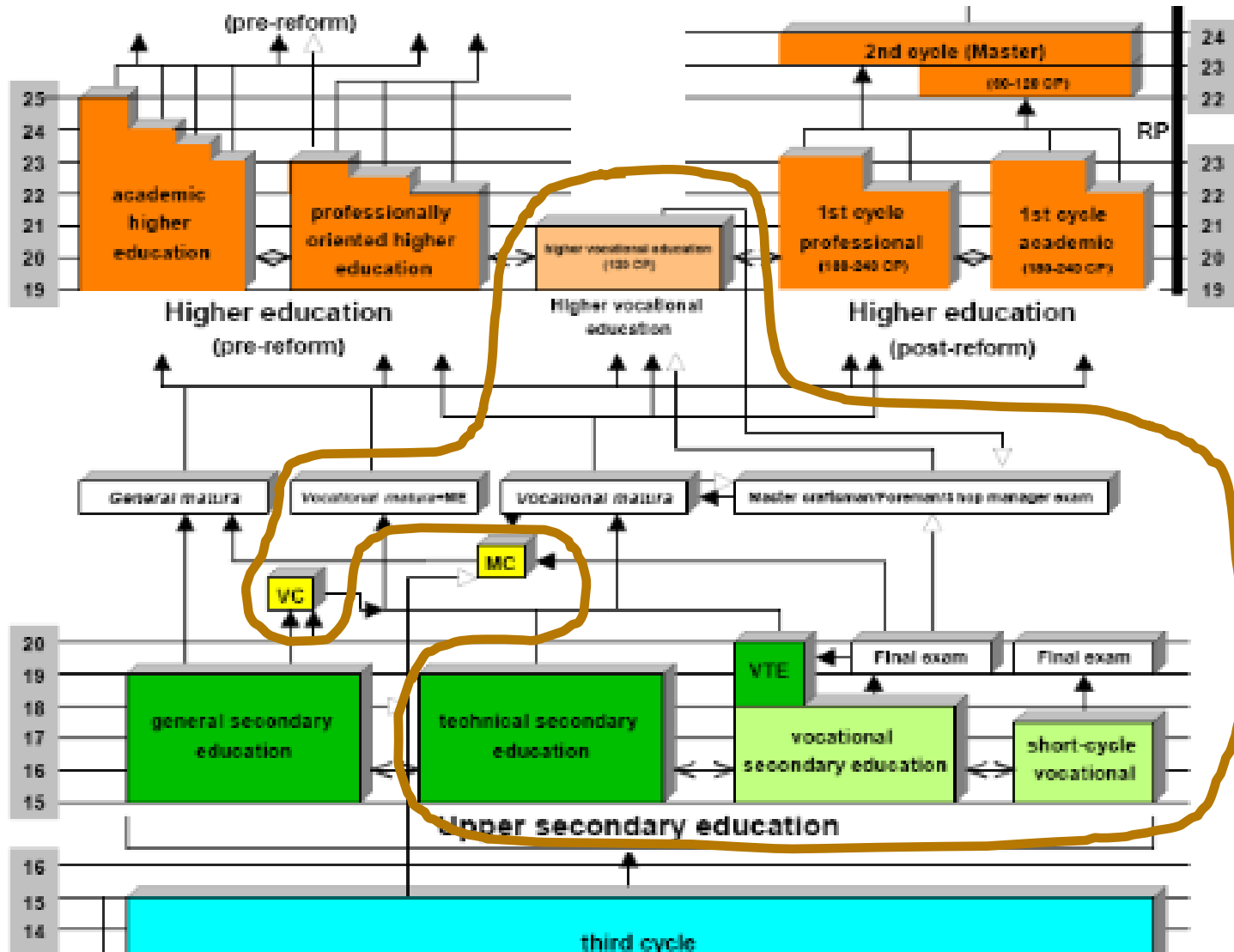
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LOVE

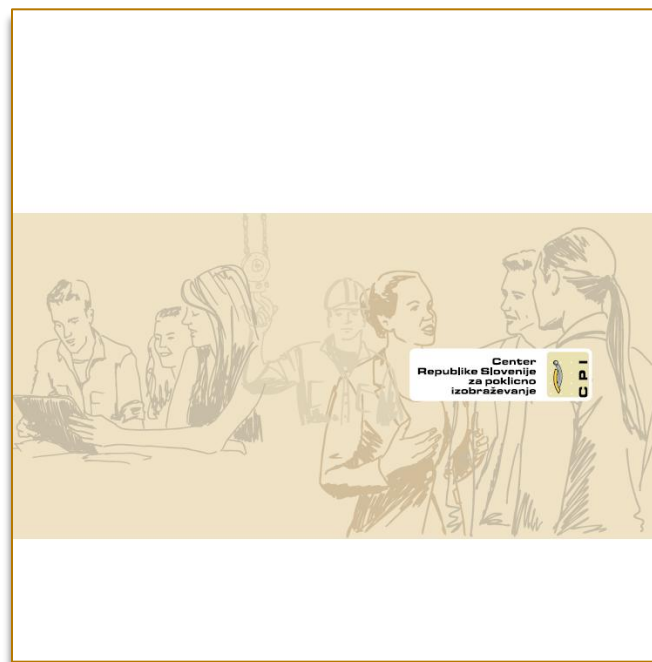
VET system



Institute of the RS for Vocational Education and Training - CPI

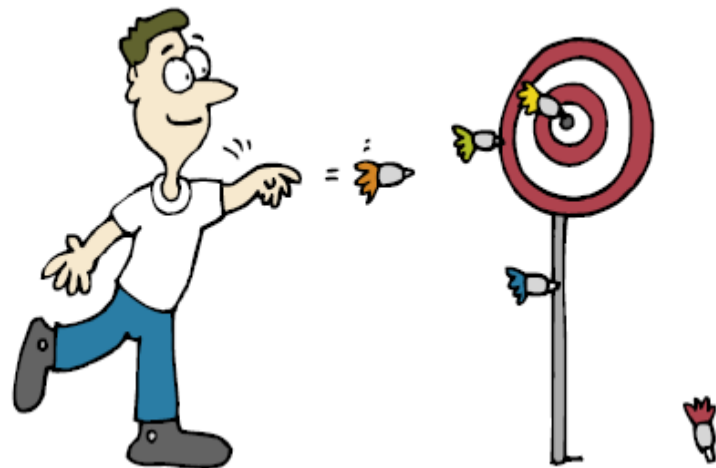


- Central national institution in the field of VET.
- Responsible for linking social partners.
- Provides support in developmental, research, implementing and systemic processes that contribute to the quality of VET.



Learning situations in VET

- Analysis of learning outcomes.
- Planning a set of goal oriented lessons
- Integration of theory, practice and general subject whenever possible.

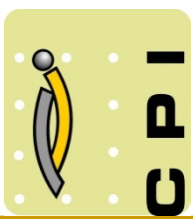


Ideas seeking

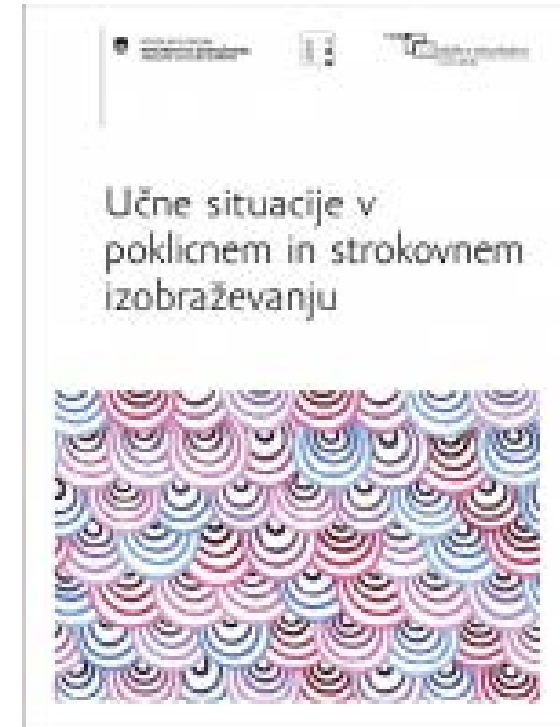


| Tedni | 1 - 4 | 5 - 8 | 9 - 12 | 13 - 16 | 17 - 20 | 21 - 14 | 25 - 28 | |
|--|---|--|--|-------------------------------------|------------------------------|--|--|--|
| PREDMET / MODUL | PRVI LETNIK - SKLOPI | | | | | | | |
| Slovenščina | Književnost | Domače branje | Javna besedila | Uradna/ neuradna besedila | Strokovna besedila | Jezik in pravopis | | |
| Matematika | Naravna in cela števila | | | Racionalna in realna števila | | Realna števila | | |
| Tuji jezik ANJ | Hello everybody! | | Meeting people | | The world of work | | Can you speak English? | |
| Tuji jezik NEJ | Erste Kontakte | | Gegenstände im Haus und Haushalt | | Essen u. Trinken | | Berufsfeld | |
| Umetnost | Uvod z umetnostno zgodovino | | Risanje | Slikanje | | Kiparsko in prostorsko oblikovanje | Vizualne komunikacije in oblikovanje -dizajn | |
| Naravoslovje* | Delovanje človeka, telesa in ohranjanje zdravja <ul style="list-style-type: none"> - celica - organski sistemi - spolnost - bolezenske spremembe - genska tehnologija | | Energija in viri energije <ul style="list-style-type: none"> - naravni viri energije - alternativni viri energije - pridobivanje električne energije - globalno segrevanje | | | Pogled v svet snovi <ul style="list-style-type: none"> - merjenje v naravoslovju - metode poučevanja narav. pojavov - zgradba snovi (atom, vezi) - spremembe snovi | | |
| Družboslovje | Domači in svetovni prostor | | Svet na razpotju | | | Odnos do okolja in posledice človekovega poseganja vanj | | |
| Športna vzgoja | Osnovni program | | Izbirni športi | Osnovni program | | Izbirni športi | | |
| IKT in osnove poslovnega komuniciranja | Standardne vhodne enote ter delo z operacijskim sistemom | Urejanje besedila | | Uporaba sodobnih programskih orodij | | | Uporaba baze podatkov | |
| | Osebnost <ul style="list-style-type: none"> - osebnost in različni tipi osebnostnih značiln. - oblikovanje in vplivi na osebnost - vrednote in vedenje ljudi - različne vloge ljudi | Poslovno komuniciranje <ul style="list-style-type: none"> - oblike in vrste komunikacij - pravila poslovnega komuniciranja - Komuniciranje s strankami - pisno poslovno komuniciranje - poslovni razgovor | | | | | | |
| Osnove živilstva* | Odgovorno ravnanje živilca (celoten vsebinski sklop) | | Logistika in prodaja v živilstvu | | Procesna tehnika v živilstvu | | Senzorične analize | |
| | Osnove fizike v živilstvu (celotna vsebinska sklopa) | | | | | | | |
| Trajno pecivo | Spoznavanje okolja, pripomočkov, strojev, surovin in tehnološki postopek osnovnih test za trajno pecivo | | Oblikovanje in izdelava trajnega peciva | | | | | |
| Tedni | 1 - 4 | 5 - 8 | 9 - 12 | 13 - 16 | 17 - 20 | 21 - 14 | 25 - 28 | |

Planing of Learning Situations



- Didactics,
- Methods,
- Activities for students.
- Materials,
- Adjustment for SEN students
- Scenario of the lessons

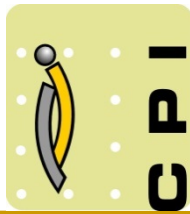


Testing in the Practice

- 10 schools: one class of students per school
- Evaluation study with Faculty of Arts
- Video



Publication with DVD

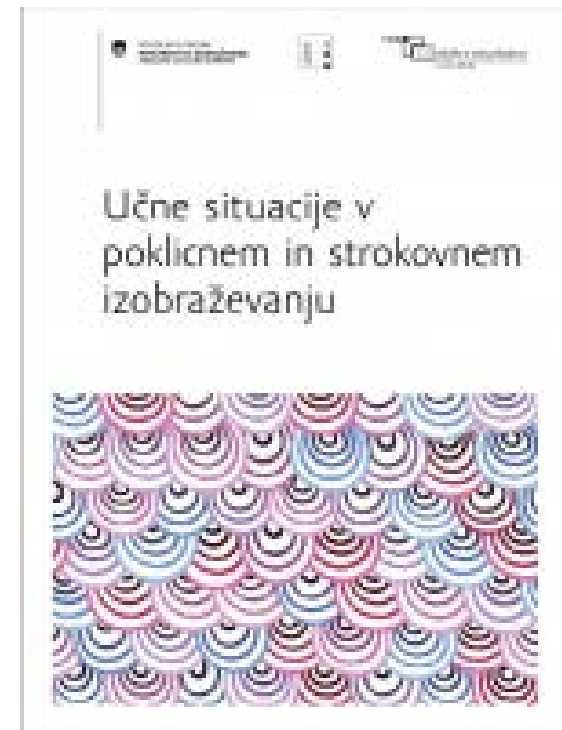


Main purposes:

- helps to plan learning units based on situations,
- Helps to select and use methods of learning.

Content:

- Theoretical introduction and planing,
- Examples of learning units- view into plans and into classroom,
- Evaluation study.

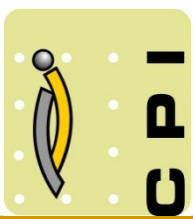


View into Learning situation

Example of learning situation:
TIMBER ASSORTMENT VOLUME



Challenges

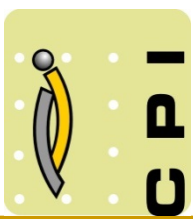


- Cooperation between teachers,
- Time,
- Resources,
- Change the organization of the school.



- Usually last part of the Learning situation
- Usually 1 or more marks/learning situation (same or different)
- Theory based on Bloom's taxonomy
- Practice on national taxonomy similar to EQF (quantity of instructions, complexity, autonomy ...)
- Main focus on the Key competencies → evaluation with the portfolio

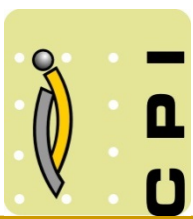
Results of evaluation survey



before and after testing period shows:

- Significant Qualitative and Quantitative improvement of :
 - ✓ Motivation
 - ✓ Cognitive and metacognitive strategies especially selfregulation
 - ✓ Students saw the meaning and relevance
 - ✓ Higher ownership
 - ✓ Sustainability of knowledge

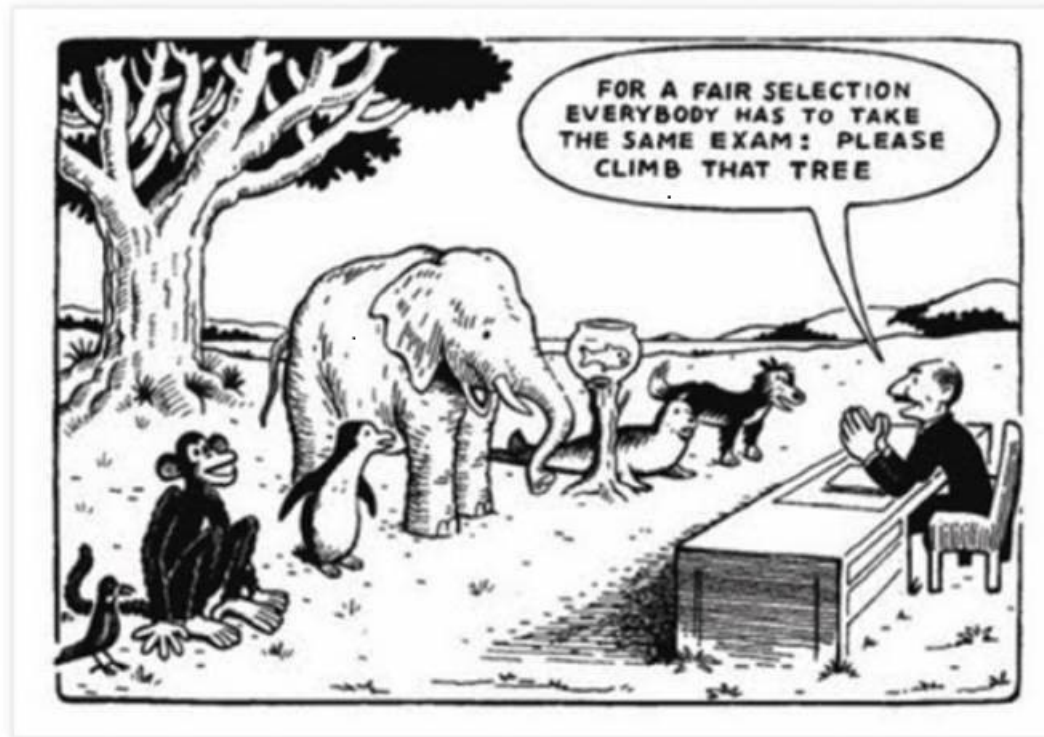
Further plans



Individualization:

- Content
- Methods
- Speed
- Materials
- Products
- Learning enviroment
- Level of suport
- Assessment
- Amount of practical training ...

Validation



"Everybody is a genius. But if you judge a fish by its ability to climb a tree, it will live its whole life believing that it is stupid."

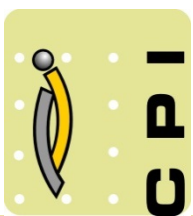
-Albert Einstein

VET-teacher education



- Basic education
- Work experience
- Teacher education - obligatory
- Continuing education and training
- Study groups
- Projects
- ...

Learning achievement portfolio



If the students know their competences ...
if they have realistic expectations ...
they have more chances to be successful



LAP

Process document

where the students collect all the evidence
about their achievements
and reflect on their progress.



Learning achievement portfolio



A model of LAP with useful tools



Competition for the best LAP



National tendencies & development



- CPI project on individualized learning, quality assurance
- Recognition and validation of non-formal learning
- Innovative pedagogy – smart use of ICT