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LifeLongLearning project KA3MP

KNORK

**Promoting Knowledge Work Practices in Education
Agreement 2013-4764/001-001**

**D3.3 The Re-use Library content
D4.1 v1 Material for the Re-use library**

Description of the Re-use Library

Re-use Library is a web repository including re-usable examples and material supporting teachers in the implementation of collaborative knowledge creation practices and supporting the use of technologies in educational settings. Material is constructed from the experiences and research results of the pedagogical case studies conducted in the KNORK project.

Re-use Library includes four types of items:

1. *Pedagogical cases*: examples of pedagogical scenarios and course designs from secondary and tertiary level education;
2. *Tool suggestions*: examples and suggestions about various instruments and digital tools to be used with students, and
3. *Educational design patterns*: suggestions about repeatable solutions to individual educational design problems when implementing collaborative knowledge creation practices in education.
4. *Educational resources*: suggestions about various types of materials that can be used for educational purposes.

There are materials in five languages: English (72), Bulgarian (3), Finnish (23), Italian (10) and Swedish (2).

The Re-use Library description and links to the archive in the KNORK website:

<http://knork.info/website/re-use-library/>

List of items in the Re-use Library

Pedagogical case descriptions (27)

1. 4 steps in history / in Italian [Quattro passi nella storia] - [link](#)
2. ASIC Design - [link](#)
3. Comparing the idea of human rights in various historical declarations - [link](#)
4. Computer-aided design in Electronics - [link](#)
5. Electronics (for aviation engineering) - [link](#)
6. Energy in ecosystem / in Finnish [Energia ekosysteemissä] - [link](#)
7. Energy in ecosystem - [link](#)
8. Game culture and media entrepreneurship / in Finnish [Pelikulttuuri ja mediayrittäjyys] - [link](#)
9. Global networks - [link](#)
10. Guide for Combi Oven-Convection Steamer - [link](#)
11. Health care organisation and management - [link](#)
12. Introduction to Research Methods - [link](#)
13. Learning Swedish language by collaborative studies - [link](#)
14. Learning Swedish language by collaborative studies / in Finnish - [link](#)
15. The Earth Watch / in Italian [L'orologio Terra] - [link](#)
16. Pedagogical scenarios for school and universities - [link](#)

17. Pedagogical scenarios course / in Italy [Scenari pedagogici per Scuole e Università” (Università; Pedagogia) - [link](#)
18. Project course in Biosciences - [link](#)
19. Psychology and School / in Italian [“Potenziare le competenze dello psicologo”, Università, Psicologia e Scuola] - [link](#)
20. Semiconductor Devices - [link](#)
21. Sensor Technology course - [link](#)
22. Supporting internship in hairdresser education virtually / in Finnish (Työharjoittelun virtuaalinen tukeminen kampaajakoulutuksessa) - [link](#)
23. Teaching e-Learning - [link](#)
24. Transmedia: gamebooks - [link](#)
25. The Fisicario / in Italian [Un “Fisicario” per Osteopati] - [link](#)
26. Voluntary work / in Finnish [Vapaaehtoistoiminta] - [link](#)
27. VLSI Design - [link](#)

Tool suggestions (17)

1. Ach so! Video capturing and annotation tool - [link](#)
2. Blogger – a blog application for collaborative sharing - [link](#)
3. Diigo – sharing and organizing links, underlining and commenting pages - [link](#)
4. Draw.io – from low- to high-fidelity mock-ups - [link](#)
5. Facebook – course, group and team space for collaboration - [link](#)
6. GitHub as Triological Learning Approach Re-use Library Home - [link](#)
7. GoogleDrive - a digital space for collaborative knowledge creation - [link](#)
8. LinkedIn – a web-service for networking and cross-fertilization - [link](#)
9. Moodle - a learning platform for organizing teamwork and building collaborative artifact - [link](#)
10. Padlet - a collaborative virtual note wall - [link](#)
11. Slack – without boundaries for in need communication - [link](#)
12. ShareLaTeX - a collaborative LaTeX editor - [link](#)
13. Sway - a presentation program - [link](#)
14. TodaysMeet - a simple virtual message wall - [link](#)
15. Tricider - social brainstorming, argumentation and voting tool - [link](#)
16. Trello - A web-based collaborative project management application - [link](#)
17. Open edX – open source learning platform - [link](#)

Educational design patterns (32)

1. A strategy to support group-work – the Jigsaw - [link](#)
2. Add small-scale collaborative knowledge creation activities in a course emphasizing individual work - [link](#)
3. Analyse and score performance continuously - [link](#)
4. A strategy to support group-work – the Jigsaw / in Italian [Una strategia per organizzare il lavoro nei gruppi – il Jigsaw] - [link](#)
5. Course feedback workshop - [link](#)
6. Establish rules for student collaboration 1 - [link](#)
7. Establish rules for student collaboration 2 - [link](#)
8. External experts in school - [link](#)
9. First individually, then as a group - [link](#)

10. Give recommendations about how to form groups - [link](#)
11. Justify course assignments to students as practice for work-related competencies - [link](#)
12. Learning the tools - [link](#)
13. Highlight the essentials - [link](#)
14. Plan supervision collaboratively and schedule it in relation to course activities - [link](#)
15. Practices for cross fertilization during the practical training in workplaces - [link](#)
16. Preventing Google Drive “jokes” - [link](#)
17. Promoting collaboration skills through challenging group tasks - [link](#)
18. Promoting shared responsibility to work in teams - [link](#)
19. Repeated practice of critical skills for collaborative knowledge creation - [link](#)
20. Share solutions of individual tasks to inspire others - [link](#)
21. Students learn new content by summarizing topics on white boards in teams and teaching fellow students - [link](#)
22. Student-teacher communication embedded in a developed document - [link](#)
23. Support for teacher collaboration - [link](#)
24. Support peer feedback using a form explicating relevant dimensions - [link](#)
25. Synchronisation of course activities with many teachers and students - [link](#)
26. Teach concrete collaboration skills - [link](#)
27. Teach how to make concise but informative presentations - [link](#)
28. Technology to motivate and manage “difficult” students - [link](#)
29. Tools and rules for student collaboration - [link](#)
30. Tools for student collaboration - [link](#)
31. Use an explicit protocol to assess individual and group activity - [link](#)
32. Weekly exams - [link](#)

Educational resources (34)

1. A strategy to support group-work – the Jigsaw - [link](#)
2. A form for class activity observation / in Italian [Scheda di osservazione dell’attività in aula] - [link](#)
3. A form for peer feedback / in Italian [Scheda di revisione/feedback tra pari] - [link](#)
4. A guide to project work for students / in Finnish [Opas projektityöskentelyyn] - [link](#)
5. A protocol to assess individual and group activity - [link](#)
6. A protocol to assess individual and group activity / in Italian [Un protocollo per valutare le attività individuali e di gruppo] - [link](#)
7. Basics of Technical Drawing course material / in Finnish [Teknisen piirustuksen perusteet - verkkoaineisto] - [link](#)
8. Car Maintenance course material / in Finnish [Auton määräaikaishuolto -verkkoaineisto] - [link](#)
9. Cladding and roofing works course material / in Finnish [Ulkoverhouk- ja kattotyöt - verkkoaineisto] - [link](#)
10. Entrepreneurship and Business course material / in Finnish[Yrittäjyys ja yritystoiminta - verkkoaineisto] - [link](#)
11. Environmental Expert course material / in Finnish [Ympäristöosaava -verkkoaineisto] - [link](#)
12. Identify Your Skills course material / in Finnish [Tunnista taitosi -verkkoaineisto] - [link](#)
13. Interior Finishing course material / in Finnish [Sisävalmistusvaiheen työt -verkkoaineisto] - [link](#)

14. Mental well being course material / in Finnish [Psykologia - Psyykkinen hyvinvointi työelämässä -verkkoaineisto] - [link](#)
15. Mold work course material / in Finnish [Muottityöt-verkkoaineisto] - [link](#)
16. Online Teacher Training Package for the Trialogical Learning Approach - [link](#)
17. Online Teacher Training Package for the Trialogical Learning Approach / in Finnish [Materiaalipaketti opettajien kouluttajille trialogisesta oppimisesta] - [link](#)
18. Presentation material about future competences / in Swedish [Presentationsmaterial "Framtidens kompetenser - hur når vi dem?"] - [link](#)
19. Presentation material about Restructuring Laboratory Exercises in Semiconductor Devices Course / in Bulgarian [Презентационен материал относно преструктуриране на лабораторните упражнения в курса по Полупроводникови елементи] - [link](#)
20. Presentation of the Design Principles for Trialogical Learning - [link](#)
21. Presentation of the Design Principles for Trialogical Learning / in Finnish [Esitys trialogisen oppimisen suunnitteluperiaatteista] - [link](#)
22. Presentation of the Trialogical Learning Approach - [link](#)
23. Presentation of the Trialogical Learning approach / in Bulgarian [Триалогичен подход към обучението] - [link](#)
24. Presentation of the Trialogical Learning Approach / in Finnish [Esitys trialogisesta oppimisesta] - [link](#)
Russian course material / in Finnish [Venäjän kielen alkeet (B-kieli) -verkkoaineisto] - [link](#)
25. Safe Hair Colouring Services course material / in Finnish [Värikäsittelyn turvallinen tuottaminen -verkkoaineisto] - [link](#)
26. Teachers' Workshop material / in Italian [Materiali per i workshop degli insegnanti] - [link](#)
27. Template for planning teaching based on trialogical learning - [link](#)
28. Template for planning teaching based on Trialogical learning / in Bulgarian [Template for planning teaching based on Trialogical learning] - [link](#)
29. Template for planning teaching based on Trialogical learning / in Finnish [Tukirunko trialogiseen oppimiseen perustuvan opetuksen suunnitteluun] - [link](#)
30. The causes of infections and asepsis course material / in Finnish [Tartuntojen aiheuttajat ja aseptiikka -verkkoaineisto] - [link](#)
31. Travelling and Multiculturalism course material / in Finnish [Matkailu ja monikulttuurisuus -verkkoaineisto] / UH - [link](#)
32. Video interview about future competences / in Swedish [Video intervju om framtidens kompetenser] - [link](#)
33. Video lecture about the three metaphors of learning and the Trialogical Learning Approach - [link](#)
34. Video lecture about the Trialogical Design Principles - [link](#)