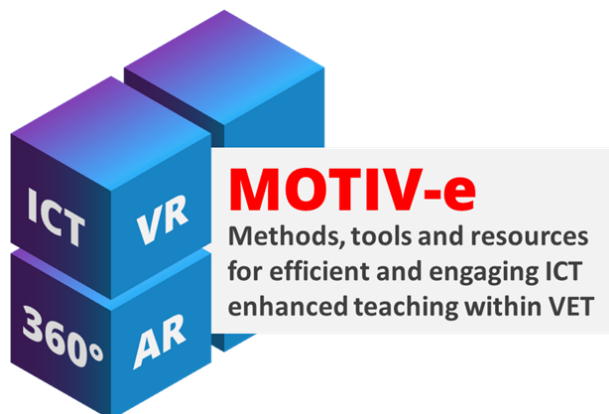


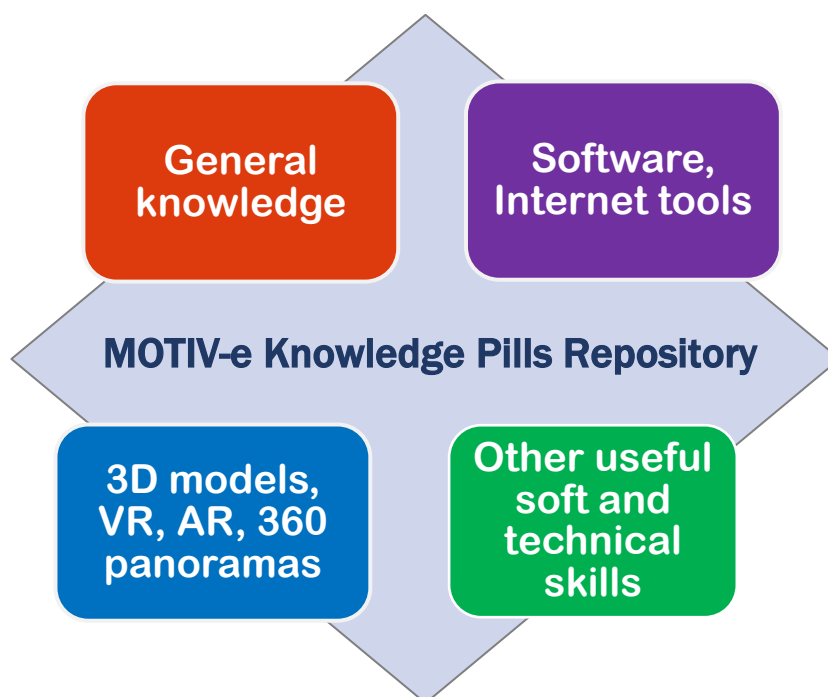
# Knowledge Pills\* Repository - content



\* Knowledge pills are short, concise, easy-to-use training materials that enable you to obtain knowledge and skills in a very short time.

Knowledge pills (KPs) are among resources that will be provided on the MOTIV-e Platform. They will be developed as PDF documents, therefore you can use them both as electronic and as printed materials.

The MOTIV-e knowledge pills will enable to acquire knowledge and skills necessary for use of ICT for teaching. A variety of hardware and software solutions and technologies will be covered – current concept of the KPs Repository and its content are presented in this leaflet.



General knowledge
Copyright - your rights as an author and a consumer
Basic principles about shooting video with mobile phone or camera
Design of an educational video
How to interact with your trainee
Collaboration with industry/ companies by use of ICT tools
Software and programs useful for process demonstrations in vocational education
How to use green screen
Using publicly available 3D models to present a complex idea
Using social media as support in VET training (Facebook, YouTube)
Infographic. What it is and how to produce one.

Software, online tools
How to create an interactive video in Moodle - with use of H5P
How to create an interactive video- with use of Edpuzzle
Creating animated online materials - with Powtoon
Moodle - Creating a new course
Moodle - Adding participants and monitoring the training process

<b>Software, online tools – cont.</b>
Moodle - Importing information from other courses
Moodle - Creating a quiz and a survey
Moodle - Creation of interactive tasks with use of H5P
Online study methodology in vocational education - gamification in VET with Moodle
ClassFlow (Part 1) - How to start
ClassFlow (Part 2) - Adding multimedia to a presentation
ClassFlow (Part 3) - How to interact with trainees
ClassFlow (Part 4) – Creation and running of an electronic test
Electronic tests in Quizizz - how to start
Electronic tests in Quizizz - how to use them in teaching
Electronic tests in Quizizz - how to create them
Creation and use of templates in MS PowerPoint
Inserting external resources into your PowerPoint presentation
Creation of animated GIFs and using them in a PowerPoint presentation
Creating videos in PowerPoint, MS PP 2016 (19)
Creating video tutorials - educational videos using PowerPoint, MS PP 2016 (19)
Preparing printable materials from your presentations
Creating an infographic, poster using Canva
Working with PDF files (delete page, insert page, rotate, extract pages, split file, etc.)
Adding notes and text, marking text with a color in PDF documents
Conversion of a PDF file into an editable format

<b>3D models, VR, AR, 360 panoramas</b>
Preparation of a 3D model of selected small objects with photogrammetry
The basic process of creating and printing 3D models
First 3D scan using a smartphone
3D holograms - preparation and application
VR use in some VET areas - tourism, hospitality and gastronomy
VR goggles - what you should know for a start
Safety measures when using VR
VR escape rooms
Use of VR via Blender software
Use of VR technology in practical training (welding, painting, etc.)
Preparation of a scene to be presented in VR
Use of Augmented Reality in training

What a 360 panorama is and how it is created
Creating a 360 panorama by combining normal photos
How to produce an interactive 360 panorama for training purposes
Modifying a 360 panorama
Application of 360 panoramas – virtual tours, training materials

<b>Other useful soft and technical skills</b>
Adding Custom Background to Green Screen
Basic audio editing – cutting it and creation of a new audio file
Opening SWF files outside a browser
Creation of your own website
Running a website as an app
Preparation of vector graphics for publication on a website
How to turn any electronic document into an easy-to-distribute online publication
OneDrive - create, upload and manage files
OneDrive - synchronize and share files
Creation of your own YouTube channel
Managing your YouTube channel
Creating a thematic group on Facebook
Internet browsers (efficient use of browsers, creating bookmarks, shortcuts, collections, information search) - multiple Edge accounts, synchronization, collections
Use of digital planners/ calendars (f.ex MS Outlook) - web version of outlook - emails, tasks, calendar
Creating forms in Microsoft Forms
Creating a virtual board
Carrying out your own webinar
Using multiple cameras in an online meeting
Use of online meeting platform Zoom
Scheduling an event/hour in Microsoft Teams