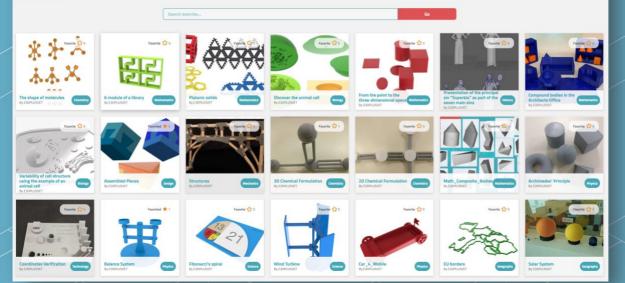
Platform Guidelines

Co-funded by the Erasmus+ Programme of the European Union

Google Play

E3D+VET

Exercises



EJD+VET

ERASMUS+ 3D PRINTING VET CENTRES



Output Title	IO3 – Networking community tool for teachers using 3D Printing.
Description	Platform Guidelines

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Page 2 of 15



Table of Contents

1 ACCESS, REGISTRATION AND AUTHENTICATION	4
2 HOW THE PLATFORM IS ORGANIZED.	5
1 → Exercises. List of all published exercises	5
2 \rightarrow Models. List of all published models.	5
	5
4 → Forum.	6
5 → Ranking	6
6 → My Account.	7
	7
9 → Exercise search engine	8
	8

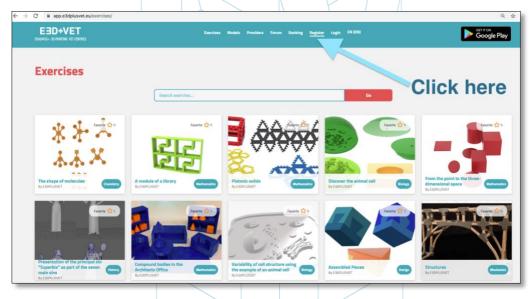
Page 3 of 15



1.- ACCESS, REGISTRATION AND AUTHENTICATION.

To access the E3D+VET platform go to this web address: <u>https://app.e3dplusvet.eu/</u>

Once on the platform, you can register completely free of charge.



Complete the fields with the necessary data and click on "Register account".

E3D+VET ERASMUS+ 30 PRINTING VET CENTRE	Exercises Models Providers Forum Rauking Register Lagin (28) COCCIDE Play	E3D+VET EXAMUS+ 30 PEINTING VET CENTRE	Exercises Models Providers Forum Rasking Register Login EN(EX) COOGLE Play
Register		Register	
	Please, complete this information to create a new account: Username		Please, complete this information to create a new account:
	Email		Welcome to E30+VET platform.
	0 Tagres fo the <u>activity patition</u> Covert agreement source has		We just send you an activation ink via email. Please review it and activate your account. If you don't receive it, please, check your SPAM folder. Best,
	Begister account		- E30+Vet
	Activate your E3D+Vet account 🔤 🖸		
VET	E3D+Vet <e3dplusvet.notifications@g (6="" 12:24="" :<br="" ago)="" minutes="" pm="" 🔆="" 🔶="">to me = E3D+VET</e3dplusvet.notifications@g>	You will	receive an email to activate your account.
	Your account is almost ready.	U	sername or Email Address
	To activate your account, please click the following link:		assword
	https://app.e3dolusvet.eu/?page=gf_activation&key=04ef8be385f11147		
	After you activate you will receive another email with your login.		Remember Me
	Best,		Log In
	- E3D+Vet		
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	Page	e 4 of 15	





Page 5 of 15



4 \rightarrow Forum.

In the forum, in parallel to the rules of use, you will find some tips and tricks for 3D modelling and printing. You will also find the experiences of some of the teachers who participated in the pilot experience.

Forums				
ome - Forums				Search
Forum	Topics	Posts	Last Post	
Forum Rules Dos and Don'ts for the proper use of this forum	1	1	E3DPLUSVET	<u>1 week. 6 days ago</u>
<mark>Heip me do it – (Modeling heip tips and tricks)</mark> Here are some tips and tricks to start modeling with a 30 design program.	2	2	E3DPLUSVET	<u>1 week, 4 days ago</u>
Help me.printing — (Technical Specifications and help for printing) Here you will find several tips on technical specifications to consider before and during the printing of your model.	2	2	E3DPLUSVET	<u>1 week, 4 days ago</u>
How to (Platform use help) Consult our guide on how to use the platform to share your designs and download those you can use in your classes.	1	1	E3DPLUSVET	<u>5 months ago</u>
Teaching experiences with 3D printing Do you want to know the experiences of other teachers? Here you can read some of the comments of the teachers who participated in the pilot experience with us.	5	5	mauro.musso	<u>3 months, 1 week ago</u>

$5 \rightarrow Ranking.$

In the ranking section you will be able to see how many points you have and in what level of the ranking you are placed according to your activity.

nstance	Amou	nt Limit
Points for becoming a member	10	-
Points for site visit	1	-
Points for viewing a post	1	Maximum 5 times per day
Points for viewing a page	1	Maximum 5 times per day
Points for viewing Forums	1	Maximum 5 times per day
Points for viewing Topics	1	Maximum 5 times per day
Points for viewing Replies	1	Maximum 5 times per day
Points for viewing Exercises	1	Maximum 3 times per day
Points for logging in	2	Maximum 4 times per day
Points for new forum	5	No limit
Points for new forum topic	з	No limit
Points for someone favorited your forum topic	1	No limit
Points for new forum reply	з	No limit
Points for published exercise	20	No limit
Points for published model	10	No limit

Page 6 of 15



$6 \rightarrow My$ Account.

Here you will find all your account information:

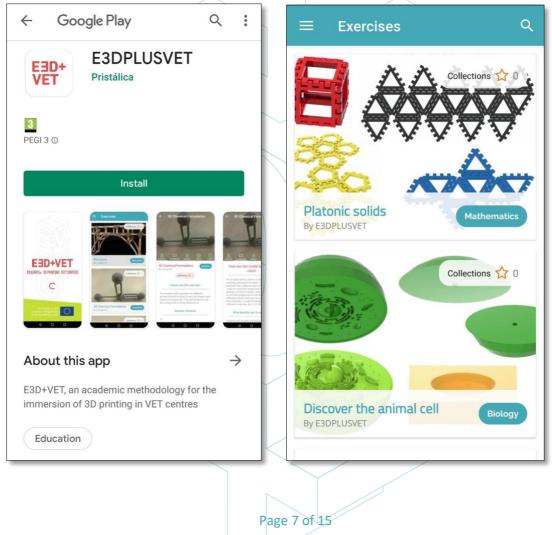
- \Rightarrow Your exercises.
- \Rightarrow Your Models in draft.
- \Rightarrow Models created by you.
- \Rightarrow Your favorite exercises and model.
- \Rightarrow Your E3D+VET score points
- \Rightarrow Your account info (Username, password...). Here you can modify your data if necessary or delete the account.

7**→** EN (EN).

Here you can choose the language. The platform and the exercises made by the E3D+VET team are in English, Spanish, Slovenian, Italian and German.

$8 \rightarrow$ Google Play.







9 \rightarrow Exercise search engine.

In both the exercise section and the model section, you will find the search engine by name. By typing the name of your favourite exercise or model you will easily find it.

EBD+VET ERASMUS+ 30 PRINTING VET CENTRES	Exercises	Models	Providers	Forum	Ranking	E3D+VET ERASMUS+ 3D PRINTING VET CENTRES	Exercises	Models	Providers	Forum	Ranking
Exercises						Models					
Se	arch exercise			Go		Sea	rch model			Go	

3.- HOW TO UPLOAD AN EXERCISE.

An exercise is composed of one or more models. It is advisable to upload the models first and then attach them to the exercise. It may be the case that for your exercise you can use some of the existing models on the platform, in this case, you would not have to do this step.

Both to create a model and to upload an exercise you can do it by two ways:

1.- From the Model or Exercise section (depending on what you want to upload).

• At the end of the page in the model section, you will find the button "Create a new model".

+ Create new model

+ Add New exercise

• At the end of the page in the exercise section, you will find the "Add New exercise" button.

2.- You can also access through the "My Account" button

My Accou	nt
Your exercise	s in all languages:
Your published exercis Exercises not found	85
	+ Add New exercise
Models in dra	ift:
You haven't models in draf	t
Models creat	ed by you:
No items found	
	+ Add New model
	Page 8 of 15

3.1 ADD OR CREATE A NEW MODEL.	
Create a new model: Please, complete the following info to publish a new model. Once created this model will be available for creating exercises.	Name your model.
Model Title	 Upload the most representative image of your model.
Model image You can add a featured image to the model Choose file No file chosen Carousel You can attach an image gallery to the model	If you want to add different views of the model, you can do it here.
Choose file No file chosen Add new STL File Attached Choose file No file chosen	To add the STL file of your model, click on "choose file". You can add as many as you need by clicking on the "Add new" button.
Add new Select a license: License details License selector not set ◆	Select from the list the Creative Commons license that best suits your needs, or include the one you think is appropriate. If you select one from our list, the fields will be filled in
Add model to drafts	automatically.
Once you have included everything you need to create your model, click on the "Add model to draft" button.	C BY 4 Adapt — copy and redistribute the material in any medium or format Adapt — remix, transform, and build upon the material

Page 9 of 15



ou will automatically appear on this	
age. Click on either button.	Create a new model:
	Please, complete the following info to publish a new model. Once created this model will be available for creating exercises.
	Model created succesfully as draft, so is only visible to you.
	You can edit to complete it or/and publish from your drafts section in <u>"My Account"</u> or in <u>Drafts</u> page and it will be visible in the platform.
	Go to Drafts page \rightarrow
	Go to My Account page →

From here, you can publish your model. It must be published to be able to attach it to the exercise. You also have the option to delete it and edit it.

-		. .
	23	ttc
		113
_		

Diarts		
Your exercises in draft: Don't have exercises in draft		
	+ Add New exercise	
Your models in draft:		
Sofa Structure		Edit Remove Publish model
	+ Add New model	

3.2.- ADD A NEW EXERCISE.

To create an exercise, click on "Add New exercise", this option is available on the previous page, as well as in the section "My Account" and at the bottom of the page of published exercises. Now follow the instructions on each screen.

Creating a new exercise:	Creating a new exercise:
To create an exercise please complete the following information and press the button 'Add exercise to drafts'. The created exercise will not be visible to the community. To finalize the edition of the exercise, you can do it from the draft view. When ready, publish the exercise so that it is visible and available to the rest of the community. Enjoy.	To create an exercise please complete the following information and press the button 'Add exercise to drafts'. The created exercise will not be visible to the community. To finalize the edition of the exercise, you can do it from the draft view. When ready, publish the exercise so that it is visible and available to the rest of the community. Enjoy.
Exercise Title Subjects Physics Add exercise to drafts	Exercise created succesfully as draft, so is only visible to you. You can edit to complete it or/and publish from your drafts section in <u>"My Account"</u> and it will be visible in the platform. Go to My Account page —
Page 10 c	of 15



Here you can edit or delete the exercise. Edit the language or languages in which you want to enter your exercise. Once you have entered all the information in the exercise, you can publish it.

			r	
Ny Account				
,				
our exercises in all lang	uages:			
Geometry in the office				Remove all
<u>Geometry in the office (en) – Draft</u>			(Edit Publish
Geometry in the office (de) - Draft			(Edit Publish
<u>Geometry in the office (it) – Draft</u>			(Edit Publish
<u>Geometry in the office (sl) - Draft</u>			(Edit Publish
<u>Geometry in the office (es) – Draft</u>				Edit Publish
	+ Add N	Vew exercise		

Page 11 of 15

The editing page of the exercise consists of the following parts:

- \Rightarrow General Info
- \Rightarrow License Info
- \Rightarrow Using the exercise
- \Rightarrow Technical Specifications
- \Rightarrow Add or create a Model for this exercise



eneral Info		
Exercise Title Geometry in the office		How to use Write how to use this exercise 2
Choose file No file chosen		
Subjects Mathematics	\$	Number pieces
		Enter total number of pieces for this exercise
This is the main subject for this exercise. You can write the "Other subjects" section below.	e more subjects related in	General description Visual Text
		Paragraph ▼ B I ⊞ E G E E E Ø E X III 30 3
		A
		Additional material link
		Enter link to additional material
		O Add new
		Complementary files Choose file No file chosen
		O Add new

 $1 \rightarrow$ Attach the descriptive image of your exercise.

 $2 \rightarrow$ You should include the use of the model and describe it; what is the main objective of the artefact and reason for which it is used in the classroom. Please, try to include as many details as possible to better explain what students can get from the use of the model. You can include multiple design themes, as many as the printed object can meet.

 $3 \rightarrow$ In this section, we have to describe the model aesthetically giving all the possible information so that the designer can have a first idea of what he has to design, for example, the number of pieces that make it up, the description of each of his pieces (shape), approximate / desired measurements of the assembly or its parts, colours...

Furthermore, a brief description should be made from an educational and didactic perspective. What is the model representing, why it was chosen, what is it for, in which ways it can be used during classroom lessons etc...

 $4 \rightarrow$ In this page you can insert images, links with additional information, videos, graphics, infographics to better explain the exercise you would like to realise.

Page 12 of 15

EJD	+VET	
ERASMUS+ 3d printing Vet centres		
	License Info	
	License selector	License details

Here, as for the model, you have to insert the type of license that best suits your needs. If you choose one of the creative commons provided in the list, all fields will be filled in automatically.

tense selector	License details
Attribution-NonCommercial 4.0 International (CC BY-NC 4.0)	You are free to:
ense name	
Attribution-NonCommercial 4.0 International (CC BY-NC 4.0)	Share — copy and redistribute the material in any medium or format
	Adapt — remix, transform, and build upon the material
ense info url	
https:/creativecommons.org/licenses/by-nc/4.0/	Under the following terms:
	Attribution — You must give appropriate credit, provide a link to
	the license, and indicate if changes were made. You may do so in any
	reasonable manner, but not in any way that suggests the licensor
	endorses you or your use.
	NonCommercial — You may not use the material for commercial
	purposes.
	No additional restrictions — You may not apply legal terms or
	technological measures that legally restrict others from doing anything
	the license permits.

sing the exercise		
Model in classroom	Visual	Text
Paragraph ▼ B I ≅ ⊨ " ≅ Ξ Ξ 𝔅 Ξ 🗶 📰 30		
Benefits		đ
	Visual	Text
Paragraph V B $I \equiv \Xi \equiv B \equiv X \equiv 3D$		
2		
		đ
Other subjects Paragraph ▼ B I ⊟ ⊟ 66 Ξ Ξ ⊉ 𝔅 Ξ 🗙 30	Visual	Text
3		

Page 13 of 15



 $1 \rightarrow$ Describe in detail the use of the model printed in 3d in the classroom lesson. What is the didactic scope about the use the object developed and what goals are intended to be achieved through this type of 3Dprinted artefact. If the exercise consists of several 3D models, describe the use of each of them.

 $2 \rightarrow$ Describe the benefits that students can take from the use of 3D exercise in the classroom. Also describe the benefits related to both the disciplinary field and also the practical, sensory and recreational-social level.

 $3 \rightarrow$ An exercise can incorporate many more subjects by relating transversal knowledge. In this section, it is necessary to list further subjects that can be addressed in addition to the main subject specified above.

	Resistance required
Write technology used	(not set 🖨
3D printer model	When to print
Write 3D printer model required	Write when to print this exercise
Material	Have to paint
Material used to print this exercise	not set
	Number of pieces
Color	Enter the total number of pieces for this exercise
What color the material is?	Need assembly
Dimensions	(not set
Enter dimensions for this exercise	Quality required
	not set
Save changes	
Save changes	
	complete the technical specifications of your exercise by
In this step, you will have to	
In this step, you will have to in each of the gaps. For mor	e information on how to define an exercise download our r
In this step, you will have to in each of the gaps. For mor "Develop methodology for	e information on how to define an exercise download our r creating new didactic 3D printing design", where each po
In this step, you will have to in each of the gaps. For mor "Develop methodology for	o complete the technical specifications of your exercise by re information on how to define an exercise download our r creating new didactic 3D printing design", where each po ilable in English, Spanish, German, Italian and Slovenian.

It is very important that you save the changes in this step. Otherwise, you may lose the information about the exercise.



Save changes	
Models used this e	Xercise 2
Add an existing mo	del to this exercise
Create a new mode	You can link an existing model to this exercise just selecting model from selector below: Exercises Geometry in the office Models Search for a post
	Is your exercise ready to be published?
	Press publish button and let the community know:
	Publish

Once you have saved the changes you have made, you must attach the model you have previously created (If they fit your exercise, as previously mentioned, you can use one of the ones already available on the platform). You can upload as many models as you need for your exercise. You only have to look for it by the name in the search bar (1) and press "Submit". The model(s) will be attached and you will see them in the "Models used in this exercise" part (2).

 $3 \rightarrow$ If at this point you need to create a new model for your exercise you can do so by pressing "+ New model". You will be redirected to the create model section.

 $4 \rightarrow$ You have reached the end! To publish the exercise on the platform, click on publish and y ou will find it on the main page along with the rest of the exercises. The same will happen with your models, you will find them in the "Models" page.

You can manage both your models and your exercises through the "My account" section.