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STEAMLAB

CREASTEAM

FUNDACIÓ LLOR

PROJECT CREASTEAM 2021-2024

OBJECTIVES

KPIs FOR SUCCESS

- To define an organised set of **spaces** for carrying out innovative and technologically disruptive pedagogical activities, for students from 6 to 18 years old.

- To **digitize** the set of spaces that will make up the STEAMLabs, spaces where the main objective is to place the student at the center of the educational project with disruptive techniques.

- **Innovate** this set of spaces by implementing multiple changes: Elaborating a good practice manual and multiple examples of teaching projects to implement on them.

- **Train** the teaching staff on the use of this spaces and offer an easy and intuitive shared calendar to book spaces.

ASSET DETECTION

ANALYSIS OF ENVIRONMENTS

SPACE	IDENTIFIED	BRANDED	EQUIPPED	DIGITIZED
FabLab	✓	✓	✓	
MediaLab	✓		✓	
UserLab	✓		✓	
ArtLab	✓		✓	
ChemLab	✓		✓	
ShowLab	✓		✓	

2020..

STEAM

SCIENCE
TECHNOLOGY
ENGINEERING
ART
MATHEMATICS

JA HEM ARRIBAT A LA MEITAT DEL PRIMER ANY D'AQUEST NOU PROJECTE EDUCATIU, A LA FUNDACIÓ LLOR!! VOLEM COMPARTIR-HO AMB VOSALTRES!!

EXTRAESCOLARS 21.22

STEAM

ELS PETITS JA HAN PROGRAMAT EL SEU PRIMER VIDEOJOC AMB KODU SOFTWARE

EXTRAESCOLARS 21.22

STEAM

HAN MODELAT EN 3D I A L'ESPERA DE LES PRIMERES IMPRESSIONS EN 3D

EXTRAESCOLARS 21.22

STEAM

ESTAN ACABANT EL REPTE FINAL DE ROBOTICA, PREPARATS PER LA CARRERA !!

EXTRAESCOLARS 21.22

STEAM

HAN COMENÇAT ELS TASTS DE REALITAT VIRTUAL !!

EXTRAESCOLARS 21.22

STEAM

I ARRENQUEN EL MUNTATGE DE DRONS I TREBALL AMB REALITAT AUGMENTADA

EXTRAESCOLARS 21.22

STEAM

ELS GRANS JA HAN PROGRAMAT EL SEU PRIMER VIDEOJOC AMB UNITY, EL SOFTWARE MÉS DIFICIL DEL MERCAT

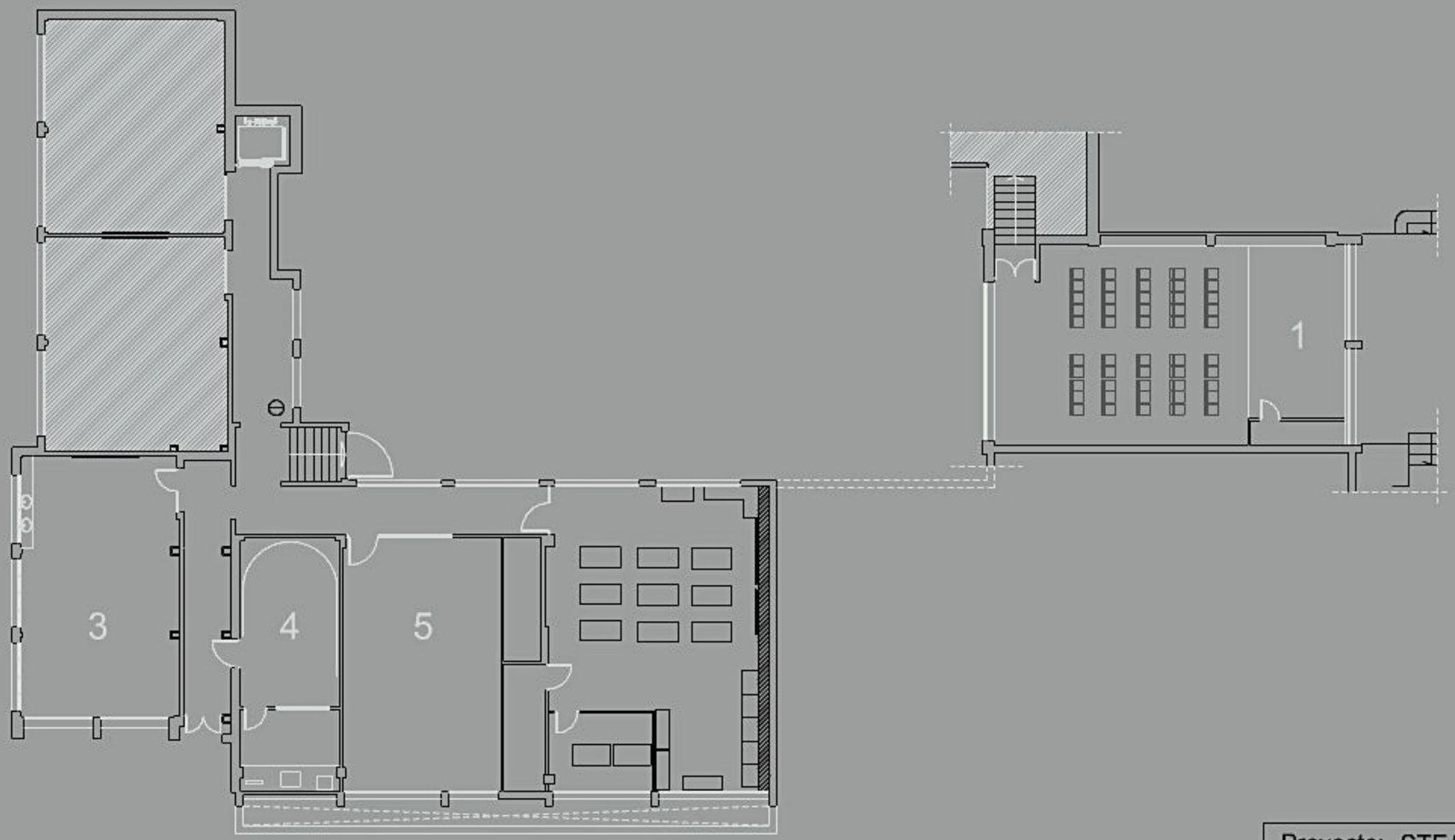
EXTRAESCOLARS 21.22

GRÀCIES

PER CONFIAR EN EL NOSTRE NOU PROJECTE, SEGUIM AMB FORÇA I AMB L'OBJECTIU DE GAUDIR DE LES..

EXTRAESCOLARS 21.22

..STEAM



Proyecto: STEAMLAB LLOR

Actividad:

STEAM LAB PROJECTS

Superficies		Zonas	
ShowroomLab	99.71 m2	ShowroomLab	1
FabLab	101.59 m2	FabLab	2
DesignLab	58.20 m2	DesignLab	3
MediaLab	34.98 m2	MediaLab	4
UserLab	59.12 m2	UserLab	5
Warehouse	7.55 m2	Warehouse	6

Edificio 1
Planta Semisótano

C/ LLUIS COMPANYS 50
08830 Sant Boi de Llobregat
(BARCELONA)

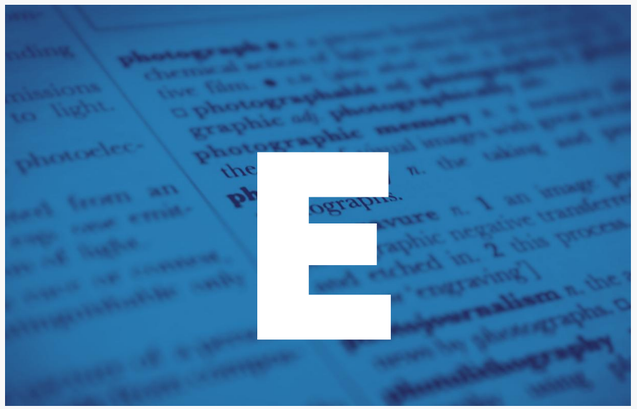
1/100

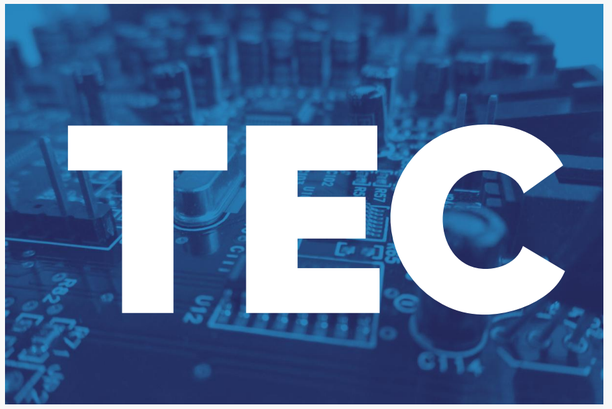
FUNDACION LLOR.

EQUIP STEAMLAB

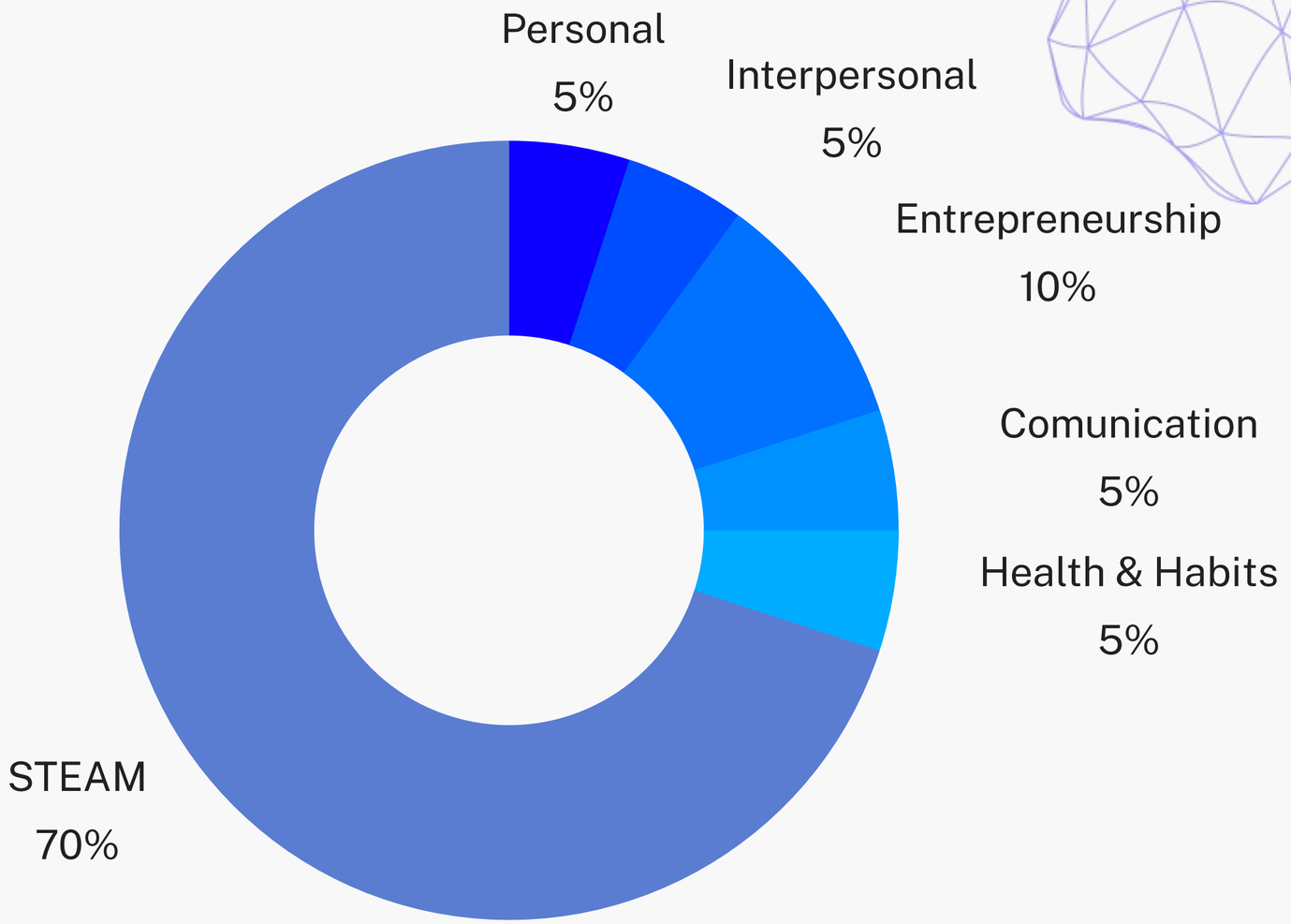
1

USEFUL FOR NEW SUBJECTS





COMPETENCIES DRIVEN



A NEW SYSTEM OF EVALUATION COMES WITH A NEW WAY OF TEACHING

Current Changes

2021-2022

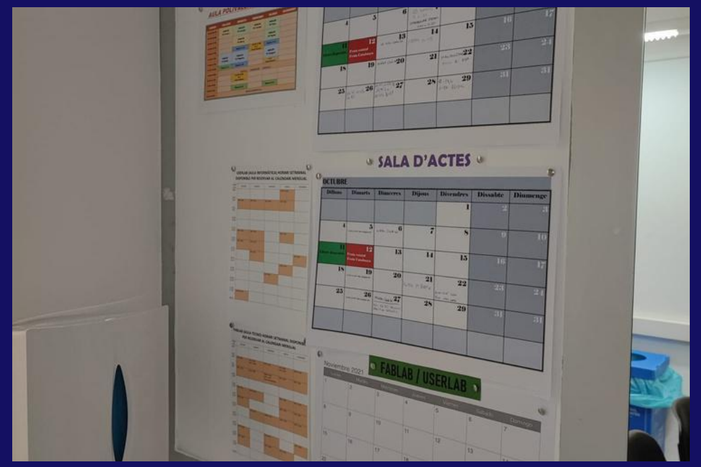
FUNDACIÓ LLOR
STEAMLab
2021 - 2022
Vicente M Ruiz S

CREASTEAM - STEAMLab
LaSalle Partnership

Objectius / Mètode / First Steps

Objectius principals:

1. Disposar d'un conjunt d'espais per a realitzat activitats pedagògiques de **caràcter innovador i tecnològicament disruptives** per a l'alumnat en les etapes PRI, SEC i BAT.



FabLab Inventory

Família	Nom	Descripció	Quantitat	Localització	Demanda de cor	Quantitat deman	Demanda de ma	Procés demand	ID Inventari
Mobiliari	Taula 1	152x76x92	8	Zona principal					
	Taula 2	150x50x90	3	Zona principal					
	Taula 3	140x80x73	2	Zona principal					
	Taula 4	124x60x72	1	Zona principal					
	Taburets			Zona principal					
	Cadires			Zona principal					
	Workbench	88cm	5	Zona principal					
	Lluminaries			Zona principal					
Pissarres	Pissara	130x45x180	2	Localizacion movil					
	Borrador			Mesa del profe					
	Retolador			Mesa del profe					
Eines pesades	Taladradora			A4 superior					
	Puntes taladrad	Type:		Caja metal perforadora					
	Serra elèctrica			A4 superior					
	Puntes serra	Type:		Caja metal perforadora					
	Pulidora			A4 superior					
	Peça pulidora	Type:		A4 superior					
	Perforadora			Mesa de madrera p. Oeste 258*					
	Puntes perforad	Type:		Caja metal perforadora					
Eines lleugeres	Serra manual			Es. 3e					
	Tornavis			W. 2b cajas					
	Pelacables			W. 2b cajas					
	Martell			W. 2b cajas					
	Llimes			W. 2b cajas					
	Sargents			W. 4b Metalica					
	Serres d'arc			W. 5a					
	Punta serres d'arc			lost					
	Alicates			W. 2b cajas					

PROJECT DOCUMENTATION

Project co-creation

Project definition

SHARED CALENDAR

Staff known location

Staff known method

DIGITIZE FABLAB

First space upgrade

Define scalable method

Short Term Changes 2022-23

FABLAB GOOD PRACTICES

Design & share teching cases

Design & share inventory

REBRANDING & SHARE

Rebrand spaces with new signs

Integrate recognition system

Publish school-wide changes

ADD LABS

Designate new set of spaces

Digitize new set of spaces

Long Term Changes 2023-25

EVALUATE ALPHA

Coevaluate previous year

Analyse students results

END DIGITIZING

Digitize all spaces inventory

Digitize all good practices

ESTABLISH SCALABILITY

Codevelop scalability plan

Establish new steps

Thank you

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manuruiz@fundaciollor.cat