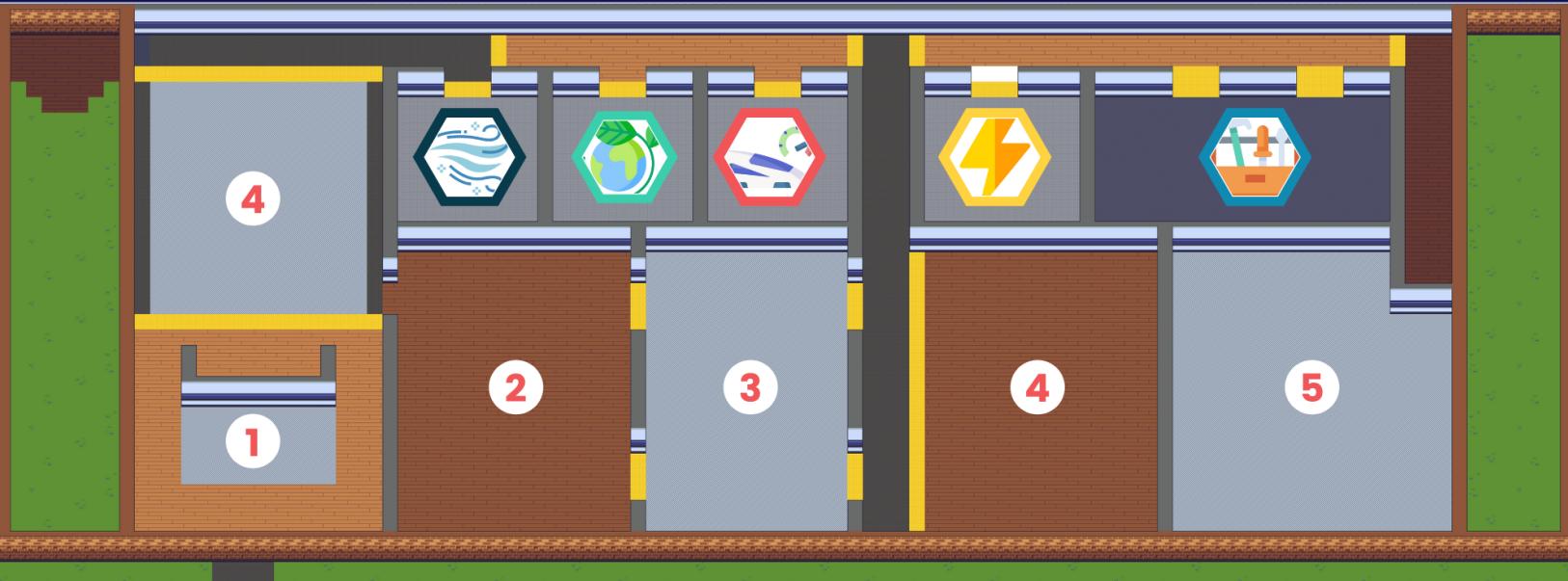


# A space dedicated to implementation



## Stations & Lab



Energy Station  
Transformation of  
energy and energy  
and its forms"



Air & Meteo station  
Impact of pollution &  
weather prediction



Environmental  
Station  
Plants, Water &  
Biodiversity



Mouvement &  
Sound Station  
Reaction time, G-  
force & speed of  
time



Fablab  
Device  
development



# Quick introduction to Gather Town

You can access the gather space dedicated to the Let's STEAM training and contents through the following url:  
[https://gather.town/app/bUylHLvjzisrHLxU/LetsSTEAM  
xTheDexterLab](https://gather.town/app/bUylHLvjzisrHLxU/LetsSTEAMxTheDexterLab)

When you first connect, you will be able to create your avatar and follow a quick tutorial on how to use gather.

Gather is an open platform, no identification is required and no personal data is recorded. The URL is **persistent**, so you can log back in whenever you want, even after the training sessions, to continue exploring and being inspired by Let's STEAM and TheDexterLab! projects.

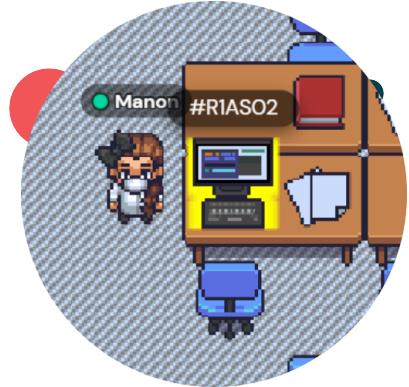
**Gather is an open world, where you can explore without constraint.** You can interact with other participants when you are **nearby** or when you are in **spotlight** mode (interact with all the participants in the world).

There are also **private areas** (the auditorium, the break room, the various work tables, the laboratories). In these areas, only the people present can interact with each other. This makes it easy to create working groups, without having to change meeting areas!

The gather area is full of resources and tools to help you carry out the proposed activities or to go into more detail on the subjects covered. The interactive elements (access to PDFs, collaborative work tools, external sites) are identified by their **yellow highlighting**. When you approach them, you will be able to identify their content, and **click on 'x'** to access them.



# Finding interdisciplinary resources



Documentary resources  
**Learn to program with MakeCode**

3 introductory sheets: Presentation of MakeCode, the STM32 board and list of materials. 15 activity sheets, of different levels

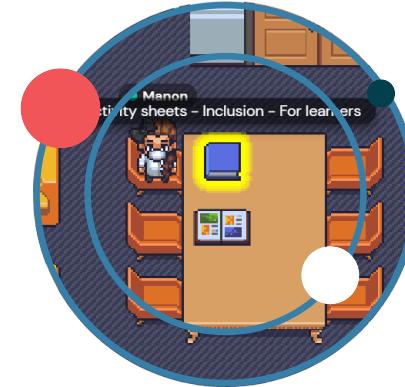
Computer room  
1 computer per file



Documentary resources  
**Corrections from the community**

1 shared Eraser board per activity sheet to share your opinions and corrections to improve the resources available

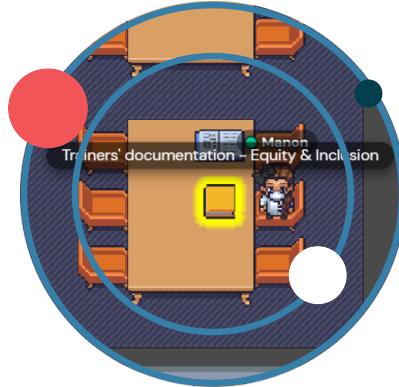
Computer room  
1 notepad per sheet



Documentary resources  
**Inclusion & Equity Learners**

4 activity sheets to explore the issues of ethics, inclusion, data protection, security, ethics and open licensing

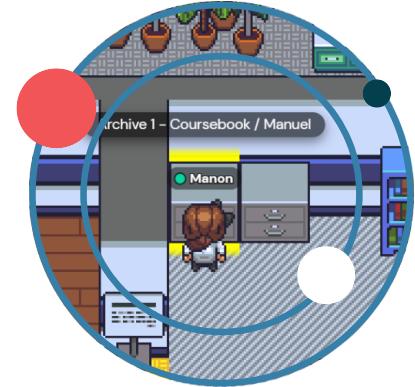
Break room - 1 book giving access to all the cards



Documentary resources  
**Inclusion & Equity Trainers**

4 implementation sheets for teachers to lead discussions on ethics and safety in the classroom

Break room - 1 book giving access to all the cards



Documentary resources  
**Full archive**

5 archive folders giving access to the Let's STEAM project github including all our available resources

Computer room  
5 archives



# Launching projects

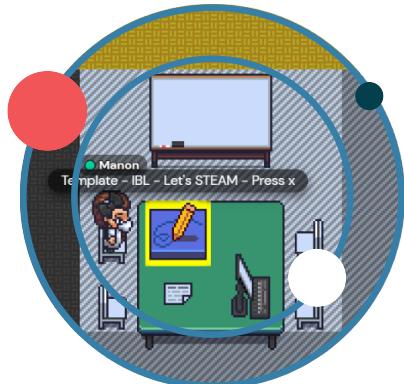


## Tools Whiteboards

18 whiteboards available in the two teamwork areas, accessible by clicking on 'x' to share your ideas and achievements in groups.



2 "Science Fair" areas  
1 whiteboard per team

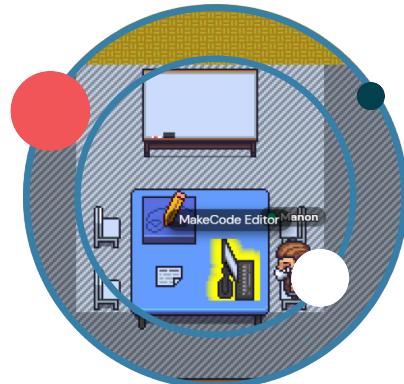


## Tools Graphics tablets

Each team is provided with a graphic tablet to access the PDF version of the Let's STEAM "Inquiry-based learning" template. Print it out and use it at your convenience!



2 "Science Fair" areas  
1 tablet per team

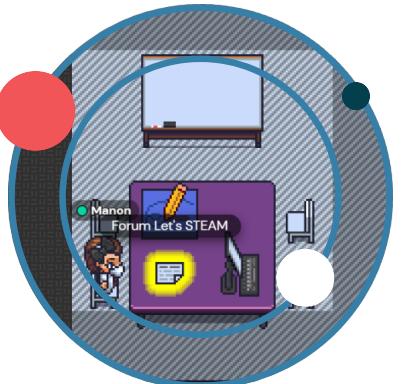


## Tools MakeCode Platform

The Let's STEAM MakeCode platform, integrating all our resources, is accessible to all: [makecode.letssteam.eu](http://makecode.letssteam.eu)



2 "Science Fair" areas  
1 computer per team



## Tools Let's STEAM Forum

On each team's desk, a note reminds you of the link to the Let's STEAM forum. This forum will remain open after the training and we will answer questions continuously!



2 "Science Fair" areas  
1 note per team

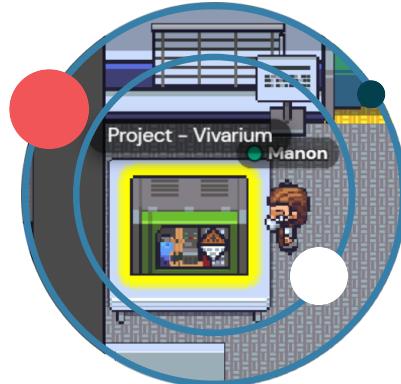


# Being inspired and looking for ideas



## Inspiration & Ideas **STEM protocol idea**

4 lists of protocols and associated potential measurement tools in the STEM field in order to address scientific and technical concepts in a transdisciplinary way



## Inspiration & Ideas **Project ideas**

6 project ideas have been scattered throughout the different laboratories (2 in Energy, 1 in Air & Weather, 2 in Environment and 1 in Movement) and the break room (2 in Break Room). It's up to you to look for them and be inspired! We hope you will find them!



**Station areas (4 laboratories) and break room**

**6 PDF documents in the laboratories and 2 PDF documents in the break room**

