

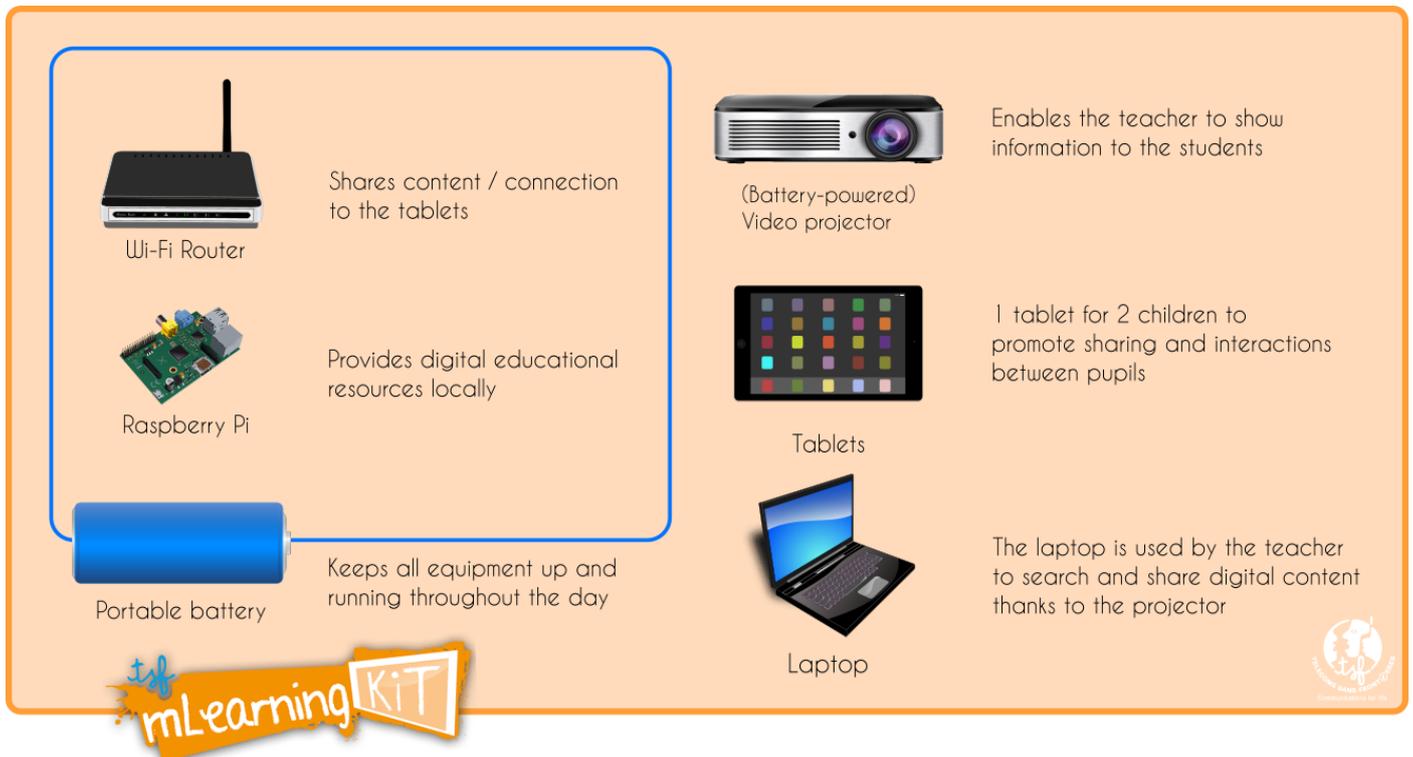
TSF mLearning Kit

Introduction

The TSF mLearning kit combines digital devices and educational content to provide a basic structure to the educational activities organised by TSF's local partners. We are not focussed on the content, rather on the activities that must be able to be used quickly on its own in emergency situations.

1 An emergency education-focused kit

The kit consists in Android tablets, a server of digital educational content (Raspberry Pi), a laptop and a Wi-Fi router to share the connection and create the network. The whole kit is battery-powered and localised according to the region of deployment (see part 2).



2 Digital educational resources

Besides a set of apps selected for their relevance to scholar subjects, TSF has gathered online and offline digital resources who are available through a lightweight low-consumption server.

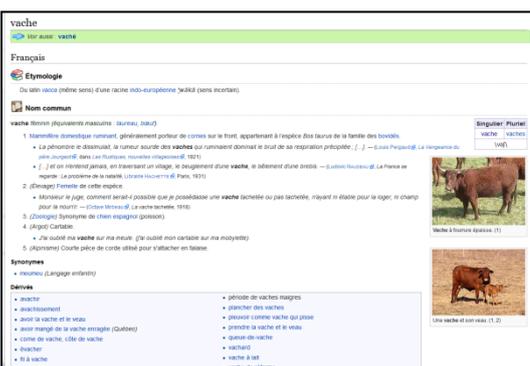
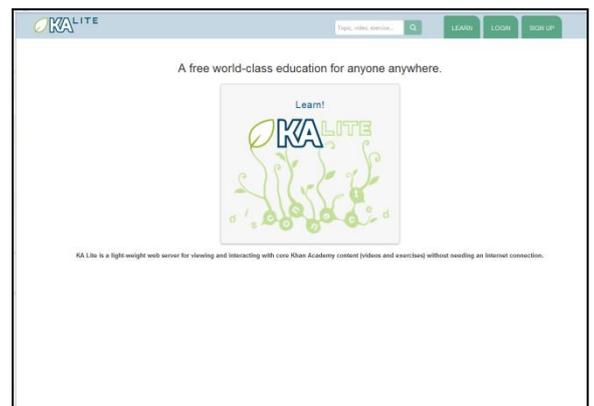
The homepage gives access to all available resources. The introduction of a research bar is being planned. Depending on the project, online resources could also be included (for example culturethèque project in French).



2.1 Common elements

2.1.1 KA Lite

This offline version of Khan Academy offers exercises and educational videos on a wide variety of subjects such as maths, science and economics. Other subjects are available in English (translation into other languages, notably into French, is currently underway). A personal account can be created to follow the progress of each student, for both the students themselves and for their teachers.



2.1.2 Wiktionary

As the name suggests, Wiktionary is a digital dictionary, which offers not only the definition of words but also the etymology, derivatives and translations into foreign languages.

2.1.3 Wikiversity

Wikiversity is an access point for the users to freely access learning tools across a variety of subjects. The platform contains information on subjects that vary from history to the sciences to geography.



2.2 French content

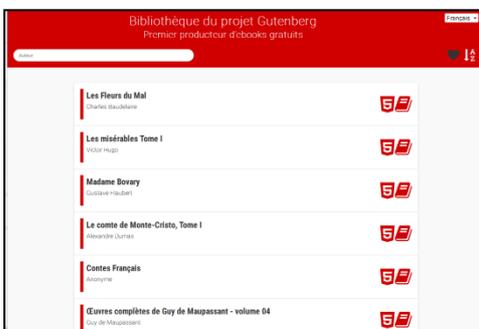


2.2.1 Vikidia

Vikidia is an information platform in which students are able to research a wide variety of topics, from types of flowers to the French colonial empire. The database has a practical and user-friendly interface that is made easier by a search engine. The site also includes images to aid learning; however, the number of images is subject to the quality of the internet connection.

2.2.2 Culturethèque (online)

Culturethèque is a digital library provided by the Alliance Française, where users are able to read, listen, watch and learn. The site is a space that allows francophones to access the french culture in offering the opportunity to familiarise oneself with all the aspects of the french-speaking world. The site is different according to which country in which you connect to the internet and is not necessarily available in every country.



2.2.3 Project Gutenberg (library)

The Gutenberg Library contains european classic novels. Voumes such as those of Tolstoy, Flaubert, Wilde, Baudelaire ; Verlaine, Hugo... are accessible via the tablets or can be downloaded in a epub format (reader).

2.2.4 C'est pas sorcier (It's not rocket science)

« C'est pas sorcier » is a series created for children to deal with key scientific questions in a child-friendly manner. Despite being intended for schools, it can be enjoyed by children and adults alike. The videos, which last around thirty minutes each, consist of experiments carried out by the presenters whilst explanations are given in an educational and understandable manner.

These videos are only available in French.



2.3 Arabic content



2.3.1 Wikipedia

As the child-oriented Vikidia is not available in Arabic, TSF chose to include the Arabic version of Wikipedia. The digital encyclopaedia consists of over 35 million articles in 288 different languages. It contains articles on a vast array of topics as well as diagrams, images and key facts to aid learning. Access to the database allows users to research almost any topic and find references.

2.3.2 Wikibooks

The same happened with Gutenberg which is replaced by Wikibooks in the Arabic version. It is an digital database containing free content textbooks and annotated texts on subjects such as organic chemistry and physics. It contains a homepage displaying featured books and the most popular articles.



2.3.3 BIL Conferences

The BIL Conferences are participant-driven meetings that feature speakers on specialist subjects within the arts, science, society and technology. They are open conferences for anyone who wishes to join and videos are uploaded online for the benefit of an international audience.