

# Specifications for the OER Web Portal

<https://oer.oldguys.si/>

(Old Guys Say Yes to Community – O10)

## 1. Introduction

OER web portal runs on a modified version of WordPress with many enabled plugins. In this document we specify technical recommendations for running a site with OER materials.

## 2. Technical specifications

### 1. PHP version 7.3 or greater

PHP (Hypertext Preprocessor) is a general-purpose programming language originally designed for web development, but also used as a general-purpose programming language.

### 2. MySQL version 5.6 or greater *OR* MariaDB SQL version 10.1 or greater

MySQL and MariaDB are an open-source relational database management systems (RDBMS) based on Structured Query Language (SQL). MySQL is multi platform and runs on many platforms, including Linux, UNIX and Windows. Although it can be used in a wide range of applications, MySQL is most often associated with web applications and online publishing.

### 3. HTTPS support

Since 2017 WordPress require hosts to have HTTPS (Hypertext Transport Protocol Secure) available. HTTPS is a variant of the standard web transfer protocol (HTTP) that adds a layer of security on the data in transit through a secure socket layer (SSL) or transport layer security (TLS) protocol connection.

### 4. WordPress 5.2 or greater

WordPress is versatile CMS environment that enables many modifications and extensions. Our OER installation setup also uses the following plugins: “Advanced Gutenberg” ([wordpress.org/plugins/advanced-gutenberg/](https://wordpress.org/plugins/advanced-gutenberg/)), “Widgets on Pages” ([wordpress.org/plugins/widgets-on-pages/](https://wordpress.org/plugins/widgets-on-pages/)), “TablePress” ([wordpress.org/plugins/tablepress/](https://wordpress.org/plugins/tablepress/)), “WP OER” ([wordpress.org/plugins/wp-oer/](https://wordpress.org/plugins/wp-oer/)).

### 3. Content

Web portal will include recommendations, information on community activities and examples of good practices collected by partners in international collaboration, and will be (if possible) translated and/or subtitled.

OER web portal would be administered by partners in the project even after the project will be finished and as soon as possible delegated to communities themselves.

In the beginning OER web platform is divided in six main sections:

1. Toolkit,
2. Course materials,
3. Recommendations,
4. Publications,
5. Example of good practice,
6. Interesting links.

In addition to the basic chapters, the site also includes a Blog, a contact page and a project description. Functionallities can later-on be added after the feedback given by web platform users, and experiences with website administration.