

# How to teach using org-mode for fun and profit

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This document is meant to be read only by the teachers

## 1 Features

### 1.1 Presenter notes

TBD

### 1.2 Masking content for some audiences

- Slides only material
- Teachers only material

### 1.3 Stuff only meant for presentation

#### 1.3.1 Slides only material

There should be no "Only in the slides" after this section, in the handbooks, as it has been tagged with `slidesonly`.

### 1.4 Stuff only meant for teachers

#### 1.4.1 Teachers only sections

There should be no "Only for teachers" after this section, in the slides or in the students handbook, as it has been tagged with `teacheronly`.

### 1.4.2 Only for teachers

On the contrary this appears in the teachers handbook.

### 1.4.3 Notes only for the teachers

This slide/section contains notes, but only part of it is displayed in the presentation notes included in the handbook, and are kept only for the teachers handbook.

We use a drawer for that.

This part of the note can be viewed by the students in the handbook, but not the rest.

**TEACHERSONLY** but this part is only for the teachers.

## 1.5 Stuff only in the handbooks

TBD re handbookonly (see **Annex** section for instance)

## 2 HowTo

### 2.1 Configuration

- Configure org-reveal-title-slide in slides.org.
- Configure header (`\lhead{...}` and `\rhead{...}`) and footer

(`\lfoot{...}` and `\rfoot{...}`) elements in the headers like `#+LaTeX_HEADER: \rhead{...}` in handbook.org and teacher-handbook.org.

### 2.2 Exporting slides to HTML with org-reveal

#### 2.2.1 Printing slides

### 2.3 Exporting PDF handbooks

#### 2.3.1 For students

#### 2.3.2 For teacher colleagues

### 2.4 Presenting in the classroom

#### 2.4.1 Firefox issues ?

#### 2.4.2 Presenter mode in dual screen

## 3 How it works

### 3.1 Git submodules

- reveal.js
- org-reveal

### 3.2 Slides appearance

#### 3.2.1 Reveal.js settings

See the org-reveal settings for detailed explanation.

I'm using the following for a "sober" look close to what powerpoint or beamer (?) could look like :

```
#+REVEAL_HLEVEL: 2
#+REVEAL_THEME: simple
#+REVEAL_TRANS: fade
#+REVEAL_SPEED: fast
#+REVEAL_MARGIN: 0.0
```

```
#+REVEAL_EXTRA_CSS: ./presentation.css
#+REVEAL_ROOT: ./reveal.js

#+OPTIONS: reveal_center:nil
```

### 3.2.2 Section separators

```
:PROPERTIES:
:REVEAL_EXTRA_ATTR: class="center"
:reveal_background: #dbdbed
:END:
```

### 3.2.3 Title screen picture (logos, etc.)

```
#+REVEAL_TITLE_SLIDE_BACKGROUND: ./media/title-slide-background.png
```

## 4 Annex

TEACHERS