

flipped

# CLASSROOM

## Practical Guide

Delzito Eduardo Moraes Figueiredo

Ilda Cecília Moreira da Silva

# Key Notes for the Development of the Flipped Classroom



Fundação Oswaldo Aranha

The flipped classroom has as its fundamental stage the use of videos watched before what happened in the classroom, as the way of transmission of the theme to be addressed.

The students have contact with the subject of the classroom before classes, starting reflections and maturing of the subject even before it is approached face to face with the teacher.

This makes the classes more interesting, stimulating and participative.

# \* Creation Tools

## VIDEO CAMERA

### Smartphone

A good camera phone with a good resolution is enough.



## GRAPHICS TABLET

### Comes with digital pen

It allows the teacher to draw or type texts in their own letters much more comfortably than in classic mice.



## HIGH QUALITY MICROPHONE

### Optional

Orality is one of the greatest attributes of the teaching profession. Therefore, using a professional microphone is a choice of each one of the teachers.



With Plickers, each student is given sheets with a sort of QR Code. Using the same sheet, which contains the same drawing, the student is able to provide answers ranging from A to D to the questions asked by the teachers. To do so, simply alternate the position of demonstration of the drawings, exposing each side, according to the question asked by the teacher, thus presenting his answer to the question elaborated. The next step is up the teacher to point the smartphone at the students and provide the app with a complete view of the sheets. It is up to the application to tabulate the answers quickly.





# Using the Pickers tool during classroom lessons:

Interaction

Encouraging participation

Feedback

Through the Pickers app, teachers get instant feedback from students who need help the most, and make interaction between them more stimulating.



## \* Justification

The constant changes in the way we receive information today has made teachers wonder what would be the best educational format to enable the student to learn more effectively. After all, the real flood of data a student receives today justifies such a concern, and technology was primarily responsible for this need for discussion.

*Around the world, governments are investing huge sums in educational reform. In the process, the authors of the new policies reform the curriculum to emphasize a small set of subjects, restrict schools to a culture of standardized assessments, and limit educators' attributions to professional advice on how and what to teach. These reforms are hampering the skills and qualities that are essential to addressing the challenges ahead: creativity, cultural understanding, communication, collaboration and problem solving (ROBINSON, 2016, p. 36).*

# \* Results

## **MAKING VIDEOS AT HOME**

Most engaged students  
Better use of classes  
Stimulation of innovation  
Greater creativity  
Critical thinking  
More practice-focused classes  
Content closer to student reality  
Teachers with greater empathy and synergy with students







*"There is no greater predictor  
of success than a fantastic teacher"*

(Edutopia, 2016)

