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"MODEL OF LEARNING - FLIPPED CLASS".

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**Abstract:** This article is about the flipped classroom learning model.

**Keywods:** vodcast, podcast, pre-vodcasting, CMS, LMS, FAQ, iSpring Suite.

The learning model is an approach to organizing interaction between the teaching and learning subjects of the educational process. One of the learning models is the flipped classroom (lesson). This is such a model of learning in which the teacher provides material for self-study at home, and in the face-to-face lesson, there is a practical consolidation of the material. Flipped learning uses concepts like vodcast, podcast, and pre-vodcasting.

Let's take a look at what these terms mean?

A podcast is a sound file (audio lecture) that its creator sends by subscription via the Internet. Recipients can download podcasts to their devices, both fixed and mobile, or listen to lectures online.

Vodcast (Vodcast from video-on-demand) is about the same as a podcast, only with video files.



Picture-1. Podcasting studio

Pre-vodcasting is an educational method in which a school teacher or university professor create a vodcast of lecture so that students get an idea of a topic even before the lesson in which this topic will be considered.

In the educational process there are programs where vodcasts are used. This is CMS, LMS.

CMS (Content Management System, content management system) - used to create and manage the content of educational materials;

LMS (Learning Management System, distance learning system) - provides access to educational materials, organization of feedback and horizontal links.

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Vodcasts have been created in iSpring Suite. For example, a flipped class (Flipped Class).

The Flipped Class is a learning model in which doing homework also includes the use of vodcast technologies:

- watching a video lecture;
- reading educational texts, consideration of explanatory drawings;
- passing tests for the initial assimilation of the topic.

In the process of classroom work, students work with the analysis of a complex theoretical part and questions, also under the supervision of a teacher, they solve practical problems and perform research tasks. After the end of the lesson, students at home, in order to consolidate the topic covered, perform comprehension tests.

The transition to the flipped classroom model is a transition from teacher-led to student-led. The flipped classroom model is sometimes blamed for weakening the role of the teacher. But in fact, the transition to this model opens the way to increasing the importance of the role of the teacher in learning. Due to pre-casting, the teacher can spend the remaining time on complex tasks: consolidating and deepening the knowledge gained by students on their own.

The flipped classroom is often confused with distance education. The difference is that, the time of class work "face to face" remains unchanged, only its content changes. Critics of the flipped classroom argue that this model degrades the traditional aspect of education by not being able to ask questions to the lecturer. And advocates of the model say that the need for such questions is reduced by additional features that appear during use.

LMS - Learning Management System (LMS, LMS) is an online platform that helps you create, modify and broadcast e-learning courses.

LMS - an incomprehensible place of the video lecture can be reviewed as many times as you like; you can refer to the FAQ (frequently asked questions);

- you can ask questions to other students using the discussion module in the LMS (here, the mechanisms of the social theory of knowledge are additionally included); you can send questions to the teacher via the built-in email to get clarifications in the upcoming class session.

Despite criticism, after a decade of its existence, the popularity of the flipped learning model continues to grow .

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(Picture-2). Learning Model

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