

# Informatization: for or against the teacher?

Informatization of education is often rather facilitate the work of teachers leads to new loads. The last major system of Informatization in education is the Federal accounting system of students Contingent. Amendments to the law for its implementation began to Refine after the unexpected return of the President of Russia, citing a lack of clear data list. In this regard, revived dreams, that competent implementation of this system could be the key component of effective information education. As a minimum, the Contingent could have a significant impact on other patients for me, namely in the rough implementation of the cool electronic journals. It would be good to first clarify the regulatory framework portfolio, and only then to automate it.

## Cool journal — gem information technologies

The magazine is derwinski gained and perfected billions of teacher-hours. It concentrated all the daily tasks of the teacher and minimized costs for maintenance of other bureaucratic procedures. Took a magazine in hand — have access to all tasks of the teacher in this class. Hence the eternal corrida for access to the journal in the period of mass nominations subtotals for quarters, trimesters, semesters, yearly. Therefore, the Soviet auditors, contrary to the law, eager above all the logs and based on the information from the journal molded to the Director's comments, including of a financial nature, giving rise to the myth that magazine — financial document.

Injustice and infantilism of Directors not only gave the myth of the right to life, but also contributed to its popularization and even consolidate in the public consciousness.— Shtrafik will write a small.

Despite the emergence of the electronic journal and its external similarity to a paper form in most schools continue to paper journal, sometimes in parallel with the electronic. This theme was repeated scandals up to the Kremlin meetings. On this theme repeatedly expressed by the Ministers of education. Not the first Diary.ru calls the "experiment" the number of schools without a paper duplicate (in fact, it is the legitimate right of any school).

For most schools is still a problem — electronic journal or is not conducted or is conducted by a residual principle, as a double a traditional paper magazine. Moreover, there are cases when checks begin to punish schools for discrepancies in information, electronic and paper versions of the magazine, although the law relying to the procedure of logging I have nothing to do can not — it is governed by a local act school.

Such persistent immunity mass of teachers to new technologies, despite the obvious technological attractiveness, can indicate systemic problems, not the indolence of teachers. Just so long it survives, it means that something is wrong in principle.

## Teachers are often accused of stagnancy

### More on this topic:

School as a reserve infantilism

For all can not speak, because the teaching profession is widespread. But the bulk of the teacher is not rigid, and conservative teacher. Conservatism teacher's hard-won life because its work never takes into account and does not pay. Using the conventionally defined duties of a teacher and who had laced his moral obligations, he dumped all the new ideas and technologies. From infantile and defenseless teachers there is only one tool of defence — "Italian strike". Corporate standard "Italian" resistance to innovations — an unspoken professional rule that applies everywhere and always the default in respect of any initiative. The Union of Soviet times — the tool of power rather than the protection of teachers, and the professional Association of teachers — more about "talk", not about "make".

The teacher in the face of new initiatives — "a single craftsman without a motor". Petrus Christus "the Holy one of Eligi in the Studio", 1449 g.

Until the mass rises quietly on the defensive, some enthusiasts at your own risk I try. If you like, share with others. Then there are several options of development of innovations:

- Preventing school live (and that many in the bureaucratic surf school) meets fierce passive resistance, distorts the meaning of innovation, even if there were originally;
- Painless innovations after some period of stagnation-experiment gradually begin to be implemented, if the time of stagnation, administrative rage had not disappeared;
- Useful ideas jump leaps and bounds after the inevitable pause, depending on the complexity of the innovation.

If in different regions, the introduction is different, so there are some significant differences or limitations that affect the decision. For example, in relation to electronic journals is essential technical equipment. Without proper infrastructure all the advantages of the technology become a big headache. But where the problem of infrastructure is solved, the use and impact of information systems is strongly delayed. Why?

## Magazine excellence for works on paper

It is a worthy totem of the old school. Skills of working with the magazine we have halperins collapsed, and we who opposed this skill to deploy and perform. And if you perform, you find that a traditional paper magazine in the logic database is a complex sample of different bases. In the magazine combined at least 3 different types of accounting students:

- personal data;
- results achievement;
- the facts of attendance.

Other objects of the accounting of the electronic journal is not even considered, although it is noteworthy that the topic of breeding record of the training task between journal, diary and specialized information systems such as LMS, websites, blogs, forums and other communication systems. The choice of allocation methods and of the information systems within the lawful authority of the school should remain in its hands under the protection not only of law, but Executive authorities supervising the execution of the laws.

## Accounting students is not the task of the journal

Compliance with the law 152-FZ "On personal data" is one of those topics that brings the headache of today's school. The problem of accounting of students appeared in the days of universal education, when the main objective of the school was to provide mass education. Today, education is the constitutional responsibility of the parents. Training in the school is the cultural norm, which avoid or lumpen elements, or targeting non-traditional forms of education. Deviating categories must be in the area of control of power, not schools.

Not required more school to follow the lives of the students. It is the task of parents.

One of the useful tasks implement a Federal system Contingent would be the elimination of the tasks of accounting students from the functions of the school. Fully!

It's not a school task. It was inevitable for a paper records management as a natural flow of securities from the bottom up and as a legacy of the tasks of education. When you maintain centralized databases of students, the authorities get all the information directly from their sources. This not only allows, but, in my opinion, requires to free teachers and schools from non-core tasks. At least this obvious positive to make the work of teachers implementing information system.

I was not able to convey to the legislator the idea that the bill of any information system should contain a clear indication of who and what she releases. Since the bill returned to the revision, the chance to insert such a statement appears again.

## That may change in the electronic journal?

If traditional magazine part of the task goes, it ceases to [math assignment help](#) hold us back in old form, adjusted for the old task, limited by the technologies of working with paper.

- If the school does not maintain records of formal personal data of students, it can for performance and attendance to identify student not on a formal name-last name, and the name is actually used in the school that the child likes. It is only important that information about it came to those recipients that are provided for information exchange.
- For information technology coordination of information flows is not only a problem but an advantage: if open to all winds electronic journal records are maintained at the home name of the student, which is not tied to a formal passport, such a system becomes impersonal, which dramatically reduces the requirements on technical protection measures.
- If the school keeps records of attendance electronically, for example, cards, student or igration, the interface of traditional journal becomes inconvenient and insufficiently informative for these purposes.
- Current and intermediate grades is a separate entity accounting. When you build the data structures of the electronic journal they are stored and processed in quite different ways. The traditional interface can be considered a forced compromise for paper magazine. Processing in an electronic environment can be significantly easier and more informative than a different interface.

The myths and realities of electronic school magazines

If we remember that education today is becoming individualized and is not obliged to concentrate on one school, and diary of a disciple should be universal. Every school and descole can be its own unique system of accounting for student activity, as evaluation is not a stamp of quality and a way to give feedback to the interested in self-improvement student. And then there can be many different accounting journals, and diary of a disciple should be able to get hold of them all in a universal manner all necessary for a specific student: schedule, assignments, announcements, news...

An insurmountable barrier between different existing electronic journals does not contribute to such development. It is especially difficult to interact with imposed at the regional level systems. In a competitive environment, the higher the chance to find common interests.

## Insights

What was important 7-10 years ago, when information systems were just beginning to be created, today becomes unnecessary barrier to the development of modern technology. In particular, I mean the resemblance with the old paper samples. There is no longer a psychological barrier that had to be taken 10 years ago. Today it is time to fight for the convenience and relief work. The new interface today no longer scare me.

I'm ready to encroach on the Holy of holies — in the classroom journal as a single entity: while he won't be a complete failure, the old approaches will not interfere with new tasks and technologies. Cool magazine ceased to be Holy saints school.

The traditional journal is not required by law — repealed the law of 1974 on paper magazine as a form of accounting. To prevent the paper magazine, too, is impossible, because by law a method and form of account defines the school itself. But it is possible to create such conditions under which his conduct will be awkward and redundant, and maintenance of electronic forms will require to send only the machine-readable data format and common Protocol, as has been happening for 20 years in Western schools.

The implemented system is Contingent can significantly ease this problem, because it can fully take into account students: it is sufficient to provide a binding school ID for each of your students to a unique identifier. Transmitting the identifier for the school, the Contingent provides an opportunity to collect the results of the annual interim assessment in depersonalized form. The school is in a situation of free choice of accounting systems for other tasks. This ensures competition among producers and the emergence of against this background, the useful school information systems.

About marks, assessment, hedgehogs and bunnies

If you will create a system of external certification of skills independent of the school, the exchange of information Contingent with the school becomes and do not need, in addition to confirmation of training pupil in this school. In the independent system of certification the student will log their unique IDs. The same ID can be used for systems of the state final examination. To collect information about the creative achievements of the Contingent must not interact with the school and with the sites creative activities or to provide an interface to the savings to the student.

We can habitually continue to call the totality of all accounting systems "journal," but it is important to understand that this is not that Holy a single entity, to which we are accustomed and for many years was worshipped under the terrible battle revizorska there-tamov.

The magazine today is already a popular tool, like a pen, pencil, smartphone.

The gap pattern prevents the status of the existing regional solutions, because of their conduct (or rather ignorance) schools receive at least as stringent observations than at the time of the improper maintenance of paper records. Moreover, it used to happen infrequently, because feet in school will not run. And electronic journals themselves all bureaucrat on a silver platter will bring his righteous anger at the unjust reason — has the right bureaucrat to interfere in the conduct of performance!

So we fixed the old habits for new tools and technologies in the regulatory framework have no log as the totem and humiliating for school ritual dance around it not only remained, but even worsened.