

In Iceland traditional teaching has been used in for a long time. It is the *one size fits all* method. But during the recent years, changes have been made at all levels.

The school system demands that teachers acquire retraining. One part of the retraining is to follow up and dedicate to the latest technology. However it differs between institutions how well new methods are implemented.



MIÐSTÖÐ SÍMENNTUNAR Á SUÐURNESJUM

Distance learning has been an option in Iceland for many years. We must know the different between the methodology of flipped classroom and traditional distance learning. The use of a tablet has become the norm in several schools in Iceland, but not only for use in flipped classroom. It's well known in Iceland that secondary schools use the methodology of flipped classroom. The use of this method has both been popular and easy for students to adapt to.

In the work environment of MSS the institutions in the area are leaders in using flipped classroom. This methodology is used at all school levels in the area. Primary and secondary schools, Keilir and MSS. Another method the schools in the area use is individual learning, and it aligns very well with the flipped classroom method. When it comes to teaching adults we must have an open mind and be willing to adapt to new teaching methods.

Below we will look into three schools in the area where the flipped classroom method is used and the focus is on the needs of each student.

Suðurnes Comprehensive College (Fjölbrautaskóli Suðurnesja) is a secondary school and there is a teacher Ívar Valbergsson, who has specialized in the use of this method for quite a long time. Ívar is a teacher in marine engineering. He gets many student who've had learning disabilities. He believes that the method of flipped classroom is better for this group of students where the time in the classroom is put in a better use. The teaching becomes more personalized and it's more beneficial for the students.

Keilir Academy (Preliminary University Studies Department) uses the flipped classroom method exclusively for full-time students. Keilir has been a leading institution in this method. Keilir required all teachers to take part in the development of this teaching method, as it leads to more independence of the students. Many students in Keilir do not have good memories from early school years, because traditional teaching didn't work for them. Hjálmar Árnason the

director of Keilir believes that to get good results we must rethink the educational journey and teachers must realize that it is a learning process not a teaching process.

Suðurnes Lifelong Learning Centre (Miðstöð símenntunar á Suðurnesjum/MSS) uses the flipped classroom method. Students like this new way of learning. Most students in MSS have little or no formal education. Many of the students are people that have a long history of low-paid jobs. The problem in the past with MSS has been to retain the students, therefore the institution decided to switch gear and use the method of flipped classroom. Especially for the students that take part in evening classes. They believe that this arrangement makes the studies easier. Therefore they can listen to the lectures at home and attend to workshops at school. This method gives the students more access to the teacher and a better use of the time. MSS also uses other teaching methods.

MOOC has not been well known in Iceland till now. On November 17TH this year an article was published, indicating that the University of Iceland and the University of Akureyri intended to analyze if it is realistic and feasible to offer MOOC in universities in Iceland.

Web-pages:

http://www.mbl.is/frettir/innlent/2016/11/17/skoda_moguleika_haskolanams_a_netinu/

<https://notendur.hi.is/salvor/mooc.html>

<https://www.mooc-list.com/university-entity/university-iceland>

<https://www.mooc-list.com/countries/iceland>

<http://www.keilir.net/haskolabru/um-haskolabru/speglud-kennsla>