Action plan

We are interested in studying different ways to respond to students with regard to their conceptions and their individual circumstances. However in reality as a teacher you often find yourself having to deal with a group of students with very diverse skills and needs. Our research question is:

**How do we teach and assess a group of diversified children with different skills and abilities?**

The study will be conducted mainly in Social studies and Natural science. We will focus on the theme of energy (grade 8) and the theme of religion (Hinduism and Buddhism. Grade 9).

**Methods**

Teaching

We will use various inclusive methodologies in our teaching. By inclusive methodology we mean a method based on common tasks which the students can resolve according to their own abilities and knowledge. Our teaching will be influenced by multimodality to give the students opportunities to learn their individual way. For example the students will make models of different types of energy, they will take part in a yogasession, listen to Indian music and draw pictures of the Gods, eat hindu vegan food and laboratory tasks (Science).

Assessment

We will give the students questionnaires before and after the project to measure their preconception, interest and motivation.

One method of assessment we will try is so-called prepared samples in which pupils may know about the issue in advance and / or use notes and text book during the test. We will explore whether this approach provides students with greater contextual understanding and how their analytical skills are trained.

Another assessment method we will use is giving the students oral exams such as drama, debates or discussions.

We will perform observations and evaluate by qualitative assessments, interviews and **reflection books**\*, where the student reflects on his or her learning. The students results and learningprocess will be documented and evaluated in rubrics.

\* In the reflection book we want students to reflect on the following questions:

- What have I done during the lesson/week?

- Why did I do it?

- What have I learned from it?

- How did I learn it?

- What am I curious about / thinking of and how will I find out about it?

**Expected outcome**

By working in a multimodal way we believe that the majority of students will be stimulated and gain interest in the subjects. We hope that the students will develop understanding of their own process of .discuss, analyze and interpret, since the students can focus on the context instead of memorizing solitary facts.

We will write a report on our findings and we will finish the report by the end of april.

**Ethics**

The students results will be anonymized so they will not be told about the specific project in advance because we think that the awareness of the project could affect on the results. Of course we will tell them that we take part in an international project and that we will perform a study in the class. We will also inform the parents about the project in a letter. We will tell them that the teaching will be almost as usual and that the documentation of the project will be anonymized.

**Communication:**

Our closest critical friend will be Janne. He will observe our multimodal activities in class with the students and we will share our thoughts and results with him. We also plan to send e-mails to Kharriema in the SouthAfrican-group to ask about her opinions and inform her about our process. We will discuss with Janne on a weekly basis and send e-mails every third week to Kharriema.