

## Assessment of teacher competences using a video portfolio

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## Teacher education

- 1 year post master
- Degree for upper secondary education
- 200 students, between 25 and 55 y.
- Minimum 50% in practice schools
- 23 school subjects
  
- Coaching: video reflection
- Assessing: video portfolio

## Teacher competences

Uniform standards for the teaching profession →  
7 clusters of teacher competences:

- Interpersonal
- Pedagogical
- Subject and didactics
- Organising
- Cooperating with colleagues
- Cooperating in the working environment
- Reflection and research for personal development

## Assessing competences

- 2003-2007: students composed ePortfolio
- Mostly texts
- Documents from various perspectives:
  - Student
  - Coach at practice school
  - Pupils
- Assessor: reading 'between the lines'



## Curriculum changes in 2006

- More integrated education (less separated subjects)
- Themes like Motivation and Learning styles
- Integrated assessment required



## Important goal

- Study your own actions and correct them:
  - Learn to observe
  - Learn to select the essence
  - Learn to explain the theory in practice



## Design principles video portfolio

- Practice situation is basis
- Bottom up: act first, link to competences afterwards
- Restriction: 5 of 7 competences
- Video **and** explanation
- Structured by tasks, but ownership



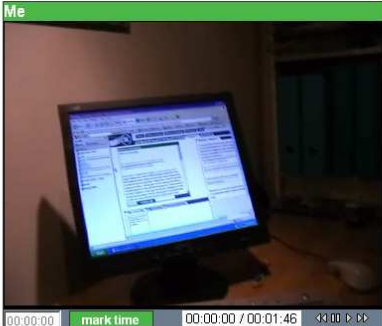
## Process

- Online video portfolio using DiViDU
  - Introduction in first week
- Personal access and video camera
- Recordings at practice school
- Selecting and editing
  - Instruction on video editing

Home Video catalogue Reference catalogue Export Help Log out VPF-1 2006-A Laura

Intro Look at me Reflection Methodology MyStory MyPedagogy

**Me**



00:00:00 mark time 00:00:00 / 00:01:46 33:00 > <

**Assignment : Look at me** View responses

Create a self-portrait. Hand in a video clip in which you present yourself. Who are you? What kind of teacher are you? What is important to you? Feel free to be creative, as long as it does not take you too much time.

Possible forms: make a videoclip and use your favourite music and pictures, ask your students to tell about you, tell about your hobbies, your fascination for your subject, film your bookcase or study, or make an advertisement.

What would you like to learn about teaching?

I am working on my teaching: I would like to try out different approaches. To be able to stimulate student's (guided) discovery. Some classes can do that.  
Another thing that I would like to learn: design assessments. I do know little about it.

paste time 00:00:00 time

My video My references Institute references

Me

From Catalogue New Delete Move


Save changes Publish

Internet

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Intro Look at me Reflection Methodology MyStory MyPedagogy

**Nightmare ..**



00:00:00 mark time 00:00:00 / 00:02:09 33:00 > <

**Assignment : Reflection** View responses

You have worked on developing a reflective attitude towards your own teacher behaviour in another DiViDU module. We have asked you to tape a lesson, to select clips, and to analyse your own behaviour in a systematic way. We have also asked you to evaluate your behaviour and to ask for feedback from others.

Here we ask you to look back and show us how you responded to the feedback of others. Did you agree with the feedback, did you reject it, did it help you to cope with difficult classroom situations ?

Please, hand in your report to MY REFERENCES

Please hand in 1 or 2 videoclips from the Reflection module that were the most powerful for developing more insight into your own teaching.

I handed in two different episodes. One episode (microscope) shows that I can give an instruction in an effective way. During the Reflection-assignment I received feedback from people that confirm this. And I also learned from watching this episode again and again, that it is very effective to just ignore some behavior of students.

paste time 00:00:00 time

My video My references Institute references

Nightmare .. Microscope

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Assignment saved Save changes Publish


Internet

# Methodology in the classroom

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Intro Look at me Reflection Methodology MyStory MyPedagogy

**Microscope**



00:00:00 mark time 00:00:07 / 00:01:13 33:00 > <

**Assignment : Methodology** View responses

Show us that you are able to work with authentic materials for learning purposes. Show us how you stimulate your students to work in a laboratory-setting or a simulation or in an experiment.  
Tape your lesson and select at least 4 relevant episodes. Use 1 episode to show how you instruct your students, and 1 episode to show the interaction with your students.

Please, add a lesson plan to MY REFERENCES.

Evaluate your instructions to your students: what are strong points, what are weaker points?

Looking at waterweed 400x. My students have been working with a microscope before. One of them (impatiently) pulled the blue part of the microscope through the glass. I hear the class getting uneasy about it ... So I decide to take them along and explain this. I could have taken more time and pay some more attention to the ...

Evaluate the interaction with your students: what are strong points, what are weaker points?

Instruction and interaction are connected here. The listen well and so they turn the plate exactly at the same moment as I told them to.

paste time 00:00:00 time

My video My references Institute references

Microscope Water weed

From Catalogue New Delete Move

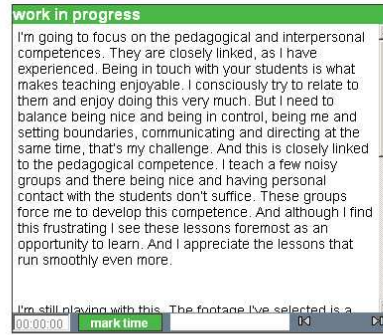
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Intro Look at me Reflection Methodology MyStory MyPedagogy

**work in progress**



00:00:00 mark time 00:00:00 / 00:01:04 33:00 > <

**Assignment : MyStory** View responses

How do you assess yourself and your development at the moment? Please fill out the competences rubrics. Visualize your growth by creating a narrative from your video episodes and other (text) documents.

Give your narrative a title.

Enter title for storyline.

work in progress

Indicate as precisely as possible which aspects of your self-assessment is highlighted in this narrative – and where.

see my story!

paste time 00:00:00 time

My storyboard My references Institute references

I'm going to focus on the pedagogical and interpersonal competences. They are closely linked...

Working with skulls: in this episode I'm much more successful in getting through to th...

Nightmare .. attention

From Catalogue New Delete Move

Indicate one crucial aspect of your narrative that fits into your personal development plan, specify how you will set about it.

I need to devote more of my lesson time to work on a safe and productive classroom climate. Teaching is not only about content. Sometimes I go back to my teaching business (contentwise) too quickly and in this way reduce the effectiveness of my behavior.

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Intro Look at me Reflection Methodology MyStory MyPedagogy

**work in progress**

I'm going to focus on the pedagogical and interpersonal competences. They are closely linked, as I have experienced. Being in touch with your students is what makes teaching enjoyable. I consciously try to relate to them and enjoy doing this very much. But I need to balance being nice and being in control, being me and setting boundaries, communicating and directing at the same time, that's my challenge. And this is closely linked to the pedagogical competence. I teach a few noisy groups and there being nice and having personal contact with the students don't suffice. These groups force me to develop this competence. And although I find this frustrating I see these lessons foremost as an opportunity to learn. And I appreciate the lessons that run smoothly even more.

Assignment: MyStory  
your growth by creating a narrative from your video episodes and other (text) documents.

Give your narrative a title.

Enter title for storyline.  
work in progress

Indicate as precisely as possible which aspects of your self-assessment is highlighted in this narrative – and where.  
see my story!

Indicate one crucial aspect of your narrative that fits into your personal development plan; specify how you will set about it.  
I need to devote more of my lesson time to work on a safe and productive classroom climate. Teaching is not only about content. Sometimes I go back to my teaching business (contentwise) too quickly and in this way reduce the effectiveness of my behavior.

My storyboard My references Institute references

Diary Laura Rubrics Laura Lessonplan

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Intro Look at me Reflection Methodology MyStory MyPedagogy

**Have a bite!**

Have a bite! These episodes show parts of a series of lessons about "Food". I had some trouble with time: the class missed 5 of the total of 12 lessons!

During the lesson before this one, they did a simulation game with Lego about digestion. It was now time to summon up the knowledge: I gave them a hand out and we go through this. A some speed, but the atmosphere is still relaxed. I make up all kinds of examples from real life ...

Assignment: MyPedagogy  
Evaluate yourself as a teacher using different pedagogical approaches. How did you develop?

Assess yourself by filling in the teacher competences-rubrics and attach this matrix in MY RESOURCES. Illustrate your evaluation by creating a narrative from your video episodes and other (text) documents in which you show us yourself at work in the classroom, using a range of pedagogical approaches.

Give your narrative a title.

Enter title for storyline.  
Have a bite!

Indicate as precisely as possible which aspects of your self-assessment are highlighted in this narrative – and where.  
See my story!

Indicate one crucial aspect of your narrative that fits into your personal development plan; specify how you will set about it.

My storyboard My references Institute references

Have a bite! These episodes show parts of a series of lessons about "Food". I had...

Fat Gallbladder Wrong teeth

## Implementation process

- Pilots 2006-2007
- National project funded by SURF
- Small groups (10-20 students)
- Evaluation
- Implementation
- Development continues

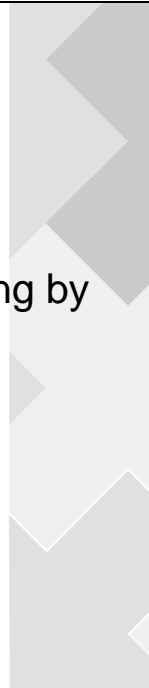
## Concerns

- Video selection
- How to assess
- Workload for students and staff



## Evaluation

- Teachers don't like assessing
- More valid assessment
- Increased workload
- Selection process is very useful → learning by analysing



## Any questions?

- Information on DiViDU (in Dutch):  
<http://info.dividu.nl>
- Anne-Martine Gielis: [gielis@uva.nl](mailto:gielis@uva.nl)



Thank you for your attention





## DiViDU as portfolio tool

- not designed as one, but:
  - full service, easy access
  - video and texts combined
  - task oriented
  - peer review
  - video narratives



## Limitations

- 3 minutes video clips