

## Module 2: Reflect, personalize and integrate

In our second module we'll work on (eLearning / Blended Learning) methods to differentiate and individualize. At the beginning of this module you'll try different tasks from the student's perspective and reflect on them from your familiar point of view, as a teacher, afterwards.

Beside the conception of individual conducive exercises and the ideal design of online-activities, you'll get to know a number of methods to differentiate. By the end of the module you're going to design your own Moodle-activities for your pupils, trying to use online-resources to differentiate and encourage your students to gain new competences.

### About this module

#### *Module Description*

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Beside the conception of individual conducive exercises and the ideal design of online-activities, you'll get to know a number of methods to differentiate. By the end of the module you're going to design your own Moodle-activities for your pupils, trying to use online-resources to differentiate and encourage your students to gain new competences.

#### *Learning Objectives*

- Getting to know different methods of differentiating and individualizing
- Finding online resources for your subject
- Knowing how to design groupwork with differentiated tasks
- Knowing how to design differentiated and individualized Moodle-activities

#### *Scheduling*

To help you plan your time, here is the expected workload:

- eTivity 1: Trying and reflecting ==> 60-120 minutes
- eTivity 2: Glossary of methods (not only) for elearning ==> 30-45 minutes
- eTivity 3: Collect, personalize and integrate Forum==> 90-120 minutes

### Required reading

#### *Bloom's Taxonomy*

- Introduction: <http://cft.vanderbilt.edu/guides-sub-pages/blooms-taxonomy/>
- Take a look at table 1 at this website: <http://teaching.uncc.edu/learning-resources/articles-books/best-practice/goals-objectives/blooms-educational-objectives>
- Examples: <http://www.bath.k12.ky.us/docs/BloomsTaxonomyQuestionStems.pdf>

[https://app.schooltube.com/video/fd0b105de9574f1e9dd2/bloom's-taxonomy-\(revised\)-according-to-homer-simpson](https://app.schooltube.com/video/fd0b105de9574f1e9dd2/bloom's-taxonomy-(revised)-according-to-homer-simpson)

## Methods

- Website of an EU-project, which aim is it to foster blended learning with collaborative components: <https://methopedia.eu/categories/method/>
- 10 ways to differentiate learning: <https://whatedsaid.wordpress.com/2012/03/31/10-ways-to-differentiate-learning/>

## Moodle tutorials

### General introductions:

- A full introduction to Moodle: <http://www.teachertrainingvideos.com/edmodo-moodle/a-full-introduction-to-moodle.html>
- Moodle bites for teachers:

[https://www.youtube.com/watch?list=PLIYqU2eMTjnoUGex1GivtY-KWN6v0dA\\_0&time\\_continue=218&v=IOW-OkFjVvY](https://www.youtube.com/watch?list=PLIYqU2eMTjnoUGex1GivtY-KWN6v0dA_0&time_continue=218&v=IOW-OkFjVvY)

- Official Moodle docs: [https://docs.moodle.org/28/en/Managing\\_a\\_Moodle\\_course](https://docs.moodle.org/28/en/Managing_a_Moodle_course)

- **Video-Tutorials on Moodle-activities:**

[https://www.youtube.com/watch?time\\_continue=3&v=T8rszv62-Sw](https://www.youtube.com/watch?time_continue=3&v=T8rszv62-Sw)

Choice activity:

<https://www.youtube.com/watch?v=wMhxldmkNjc>

Glossary activity:

[https://www.youtube.com/watch?time\\_continue=2&v=129LUmA3z2g](https://www.youtube.com/watch?time_continue=2&v=129LUmA3z2g)

Assignment activity:

<https://www.youtube.com/watch?v=flkQDg5ohBI>

Wiki activity:

[https://www.youtube.com/watch?time\\_continue=5&v=sgrib0nO3Gk](https://www.youtube.com/watch?time_continue=5&v=sgrib0nO3Gk)

## eTivity 1: Trying and reflecting

At the beginning of this module you'll try some Moodle examples as students. Afterwards we'll reflect the examples together in this forum. The examples are - more or less - all based on Bloom's Taxonomy. You'll find background-infos on this taxonomy in the [required reading of this module](#).

### Task:

Choose **at least 3** out of the following examples and work on them.

1. [Example 1: How do the lungs work?](#)  
[https://www.youtube.com/watch?time\\_continue=1&v=8NUxvJS-0k](https://www.youtube.com/watch?time_continue=1&v=8NUxvJS-0k)

**Task:**

Choose **one** of these three questions and answer it by clicking on "Add submission":

1. Name the components of the body's respiratory system.
2. How do the lungs get rid of all the CO<sub>2</sub> they've picked up from the blood?
3. Imagine you had to think about every breath you take. Why do you think the lungs and brain evolved to make breathing automatic?

**Points:** You can get up to 10 points for your answer.

2. [Example 2: Superheroe's advice](#)
3. [Example 3: My favourite place](#)
4. [Example 4: My summary of ...](#)
5. [Example 5: Ellipse Proof](#)

Afterwards add an entry to this forum:

- Which examples did you try?
- Did you enjoy working on them? / What could be improved?

Would examples like these be an option for you to teach your pupils on different levels and support them individually?

## eTivity 2: Glossary of methods (not only) for elearning

Take a look at this website of an EU-project, which aim is it to foster blended learning with collaborative components:

<https://methopedia.eu/categories/method/>

**Task:**

1. Read through some of the methods.
2. Choose one method you like and think is useful for teaching your pupils.
3. Create a new entry in this glossary.
  - Describe in max. 10 sentences:
  - What's the method about?
  - Why do you like this method?
  - A short idea for an implementation of this method in one of your lessons.

Add the link to the description of your chosen method.

PS: You can print this glossary! ;-)

# eTivity 3: Collect, personalize and integrate

On the internet you'll find millions of open educational resources. As you've seen in this module's examples it's easy to integrate up-to-date material, online-tools, videos etc. into Moodle-activities.

## Task:

1. Do some web-research on content, which could be useful for your subjects.
2. Develop **two** Moodle activities in your testcourses (like an assignment and a forum-discussion or a choice and a wiki, ...) for your pupils, integrating online content.
3. Try to design the tasks giving options to your students to learn on different levels or choose their individual focuses.
4. As soon as you've finished your activities, add a new entry to this database and tell us a little bit about the activities, you've developed.

These [Moodle tutorials for module 2](#) might help you. If you have any questions, don't hesitate to use our ["Meeting Forum"](#)!