

Activities for students during Flipped Classroom – Examples

A few examples of student activities during the three flipped classroom phases (**before**, **during** and **after** the classroom phase) are provided below.

Before the classroom phase

Before the classroom phase students familiarise themselves with fundamental content, concepts and terminology and then check their knowledge via self-tests. One advantage is that diverging levels of previous knowledge may be evened out, and misconceptions addressed.

Classic activities for students	Possible media formats	Time and effort for instructors
Advance the theme and motivate student interest	Articles, books, presentations	Little
	Existing videos	Little
	Own video (do-it-yourself)	Medium
	Own video (video studio)	Much
Address concepts and terminology	Articles	Little
	Books	Little
	Existing videos	Little
	Own video (do-it-yourself)	Medium
	Own video (video studio)	Much
Preparatory discussion of a topic	Online forum (Moodle)	Little
	Online survey (Moodle)	Little
Self-tests	Online quiz (Moodle)	Little

During the classroom phase

In the classroom students consolidate their new knowledge by addressing realistic, application-oriented problems, projects and research themes.

Classic activities for students	Possible media formats (partially created by students)	Time and effort for instructors
Group work	Posters, etc.	Little
	Digital media such as information graphics or video	Medium
Exercises, experiments	Simple models / draft designs (paper, wood etc.)	Little
	Usable prototypes (tools, beta apps, software codes etc.)	Medium to much
Formative assessments (to check learning status)	Classroom Assessment Techniques (CATs)	Little
	Paper or electronic “voting” (apps): Clicker/EduApp, Kahoot, other	Medium
	Tests or quizzes (Moodle, other)	Medium

After the classroom phase

Experience shows that consistent repetition and consolidation of acquired knowledge via additional assignments help to stabilise new competences sustainably and foster awareness of the “big picture”.

Classic activities for students	Possible media formats (partially created by students)	Time and effort for instructors
Compile summaries	Text	Little
	Own video (do-it-yourself)	Medium
Feedback from instructors (regarding learning status in the course)	Email, etc.	Little
View instructor feedback-videos (regarding learning status in the course)	Own simple video (do-it-yourself)	Medium