The Project for the Educational Quality Improvement of Adama Science and Technology University through ICT Integration

# LMS System

# **Teacher User Manual**





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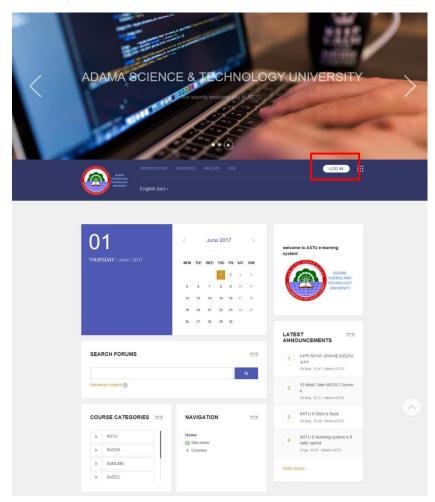
## 1. Website Access and Login

## 1.1. Access website

Access to ASTU LMS website as below.

- https://uglms.astu.edu.et (Undergraduate)
- https://pglms.astu.edu.et (Postgraduate)
- https://plms.astu.edu.et (Open Courseware System)

## 1.2. Login



Click [LOGIN] button and move to login page.





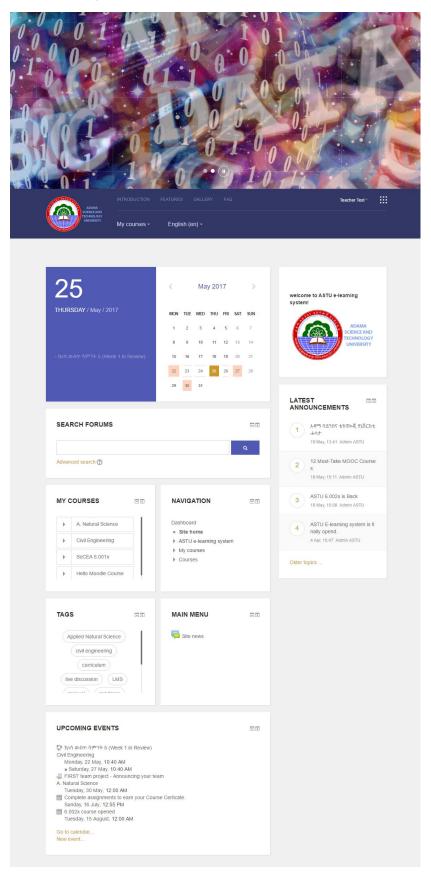
Login with personal user account.

 Enter username and password



## 2. Main Page

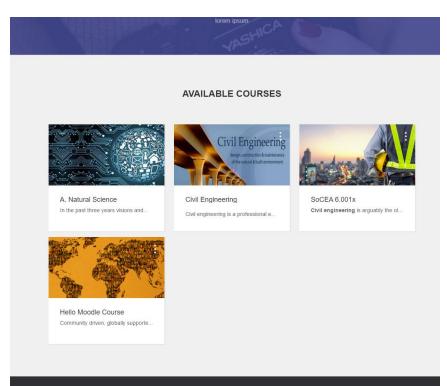
## 2.1. Main Page



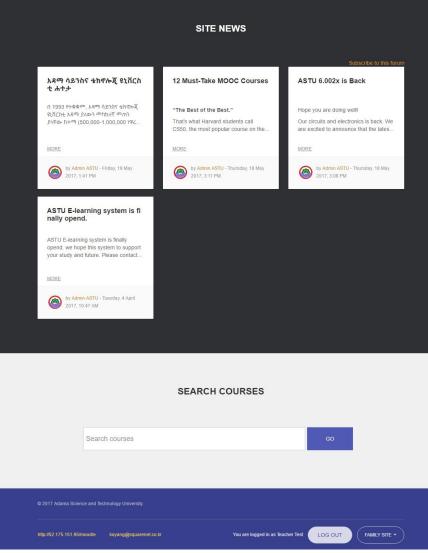
Personalised learning information depending on logged in users can be found in main page.

- Today's schedule and calendar (My course learning calendar and LMS site event calendar)
- Search forum
- · My course
- · Site navigation
- Tag
- Main menu (LMS site announcement)
- Upcoming learning calendar and event
- · Latest site news





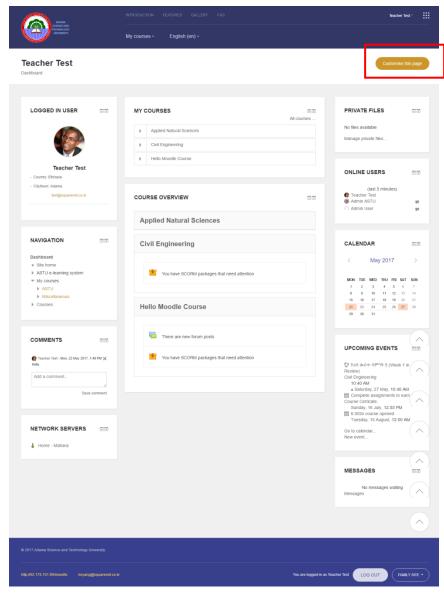
- Available courses
- Site news (Click 'More' for details)
- Search course





## 3. Dashboard

## 3.1. Dashboard Setting



## 3.2. Dashboard Function in Details

## 3.2.1. Navigation



Access to dashboard screen as shown in the left after logging in. Customising the dashboard screen is available following user's preference. Click [Customise this page] at the top-right and add block from [Add a block] menu at the bottom.

Use button located in each block to change location of blocks and click

button to change setting, hide, delete selected blocks.



Select [Reset page to default] to initialise all settings during customisation and click [Stop customising this page] to finish customising.

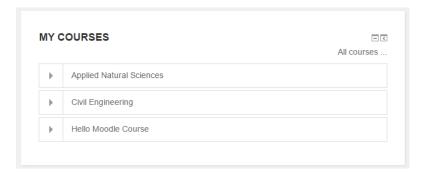


[NAVIGATION] block among dashboard block enables quick move to each course and specific page within the site.

[Site home] moves to the main page of LMS website, [My course] goes to course page currently taking, [Course] moves to all the course page opened in LMS.

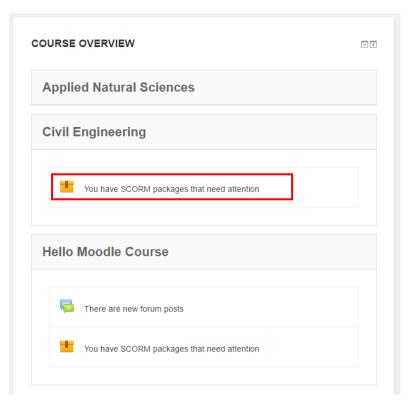


## 3.2.2. My Course



[My Course] block checks the course name currently taking and leads to relevant course page when clicking it.

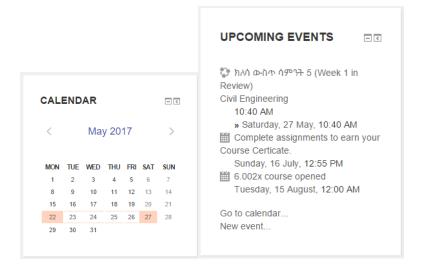
## 3.2.3. Course Overview



[Course Overview] allows checking details of learning activity which is designed in current course and it moves to relevant activity when clicking it.

[Calendar] checks not only the learning schedule within the course but also all the event schedule related to LMS site. [Upcoming event] checks the latest event.

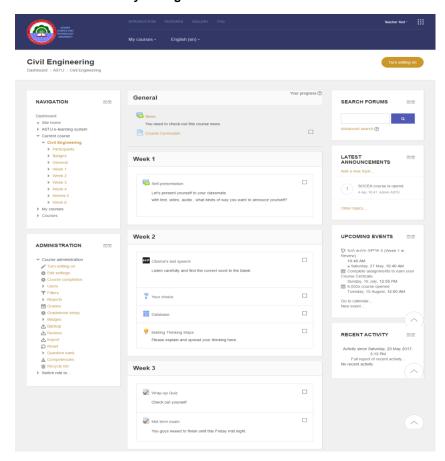
## 3.2.4. Calendar and Upcoming Events





## 4. My Course

## 4.1. Move Currently Taking Courses



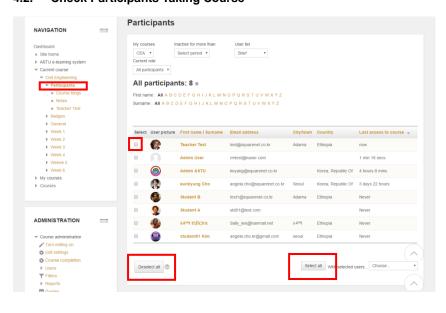
By clicking course name from the [Course] or [My course], detailed course page is shown as the left screen.

[Navigation] in the left side of the page provides course list and [Administration] provides functions of course edit, learning management etc.

Learning Activity by modules designed by teacher(or administrator) can be checked in the middle of the page and it moves to the learning page of relevant activity when clicking it.

[Search Forums], [Latest Announcements], [Upcoming Events], [Recent Activity] can be found on the right side of the page.

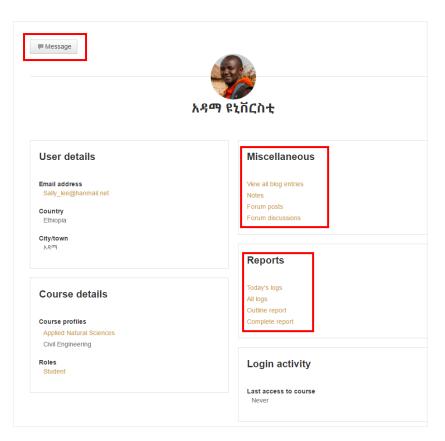
## 4.2. Check Participants Taking Course



The list of current participant of the course can be checked by clicking [Participants] from the [Navigation] block on the left side of the page.

Click select box located in the left side of the student list or select [Select all] to use [Send a message], [Add a new note], [Add a common note] functions.





Detailed page of the student can be checked when clicking student's name. Sending direct message, checking email address, note, post wrote in forum, course history, connection log(daily log/full log), learning result report within the course; Outline Report, Completion report of Learning Activity; Complete Report can be looked up.

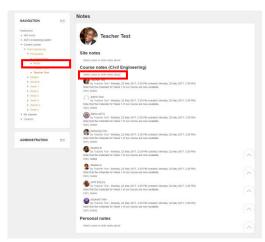
## 4.3. Check Course Blog



Blog postings opened in relevant course can be viewed by clicking [Course blogs] from [Navigation] block. Depending on viewing availability of the post, it is exposed to 'Anyone on this site' or 'yourself'. Write comment by clicking [Comments].

Click [Blog about this Course] to write new blog postings.

## 4.4. Check Course Note

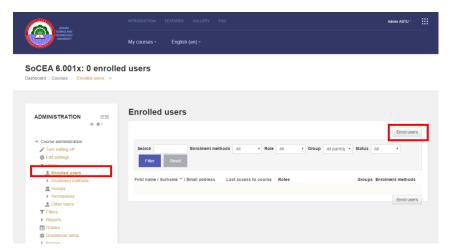


Full LMS site or content/list of the note within the relevant course can be checked by clicking [Notes] from [Navigation] block. [Select users to write notes about] moves to participant list who takes the course and it allows them to write notes.

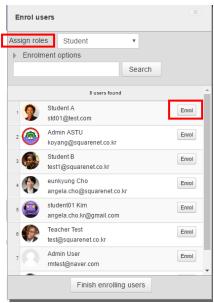


## 5. Student Enrollment and Group Management

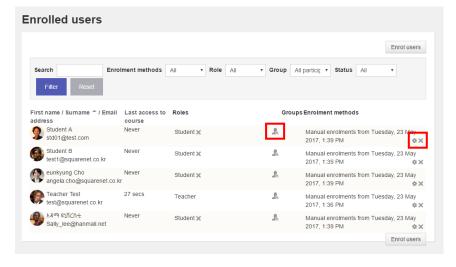
## 5.1. Enroll Students



Click [Enrolled users] from [Administration] block to move to student enrollment screen.



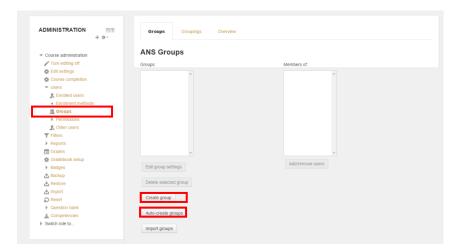
Popup screen for adding users is generated like as the left screen when clicking [Enroll users]. Assign roles of 'Manager/ Teacher/ Non-editing teacher/ student' from [Assign roles] and [Enroll] checking the below list or directly search user's name or email address in [Enrolment options]. Click [Finish enrolling users] for final save.



Click [Assign roles] button to change users' role and click [Unenroll] button to delete already enrolled users.

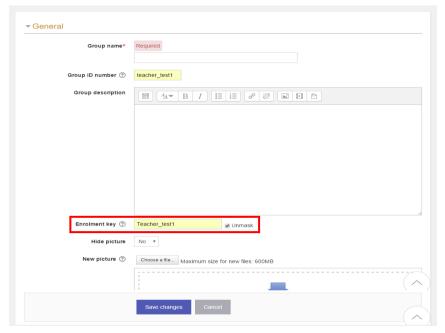


## 5.2. Create Learning Group

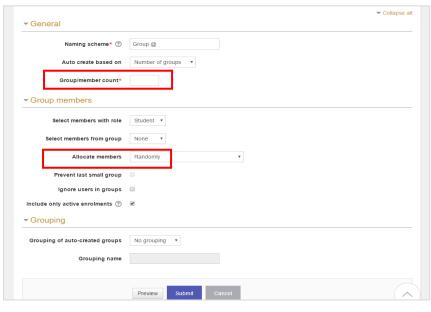


Click [Users] > [Groups] from [Administration] block to create student group.

Manually create group with [Create group] or automatically create group with [Auto create groups] and bring group information organized in file by clicking [Import group]. Edit with [Edit group settings] in case of already created group and delete group using [delete selected groups].

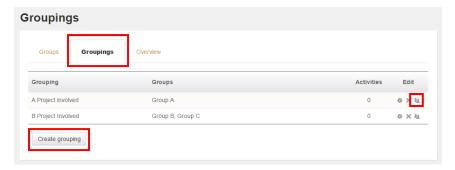


Click [Create group] to manually create group as shown in the left image. Enter preferred group name. To make the student to self-enroll, enrolment key must be activated and key should be assigned. If enrolment key is not assigned, anyone can be the member of this group. Click [Save changes] to finally save.

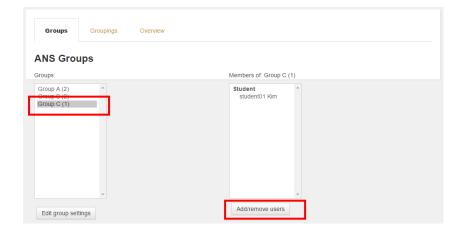


Click [Auto create groups] to move to the screen that automatically creates group as shown in the left image. Entering 'Group @' to the group name creates name in alphabetical order and entering 'Group #' creates in number sequence. Enter preferred group number or number of member to [Group/member count]. Enrolment orders such as random, alphabet, ID number, can be decided in [Allocate members].









Created groups can be re-grouped to upper group. Move to [Grouping] tab, click [Create grouping] and enter grouping name to create upper group.

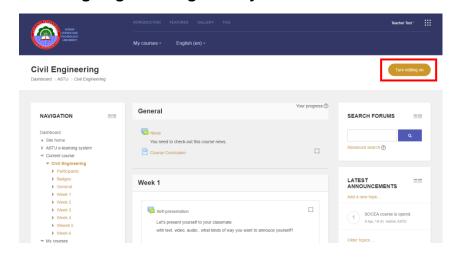
Click button to move to [Add/remove groups] screen after creating the upper group. Select already created group on the right side and [Add] or [Remove] and [Back to groupings].

Group status, group members and non-grouped users can be checked in [Overview] tab.

Select wanted group from [Groups] tab and click [Add/remove users] to map group members in created group. Select preferred member and click [Add] or [Remove] or [Back to groups] to save.

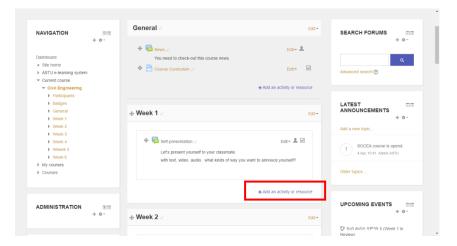


## 6. Designing Learning Activity within Course



Turn editing on

Click [Turn editing on] on the right side of the course page to add or edit the Learning Activity as an administrator mode.



Popup screen that allows adding activity or resource is generated as below when clicking [Add an activity or resource] located within the preferred week(or module).



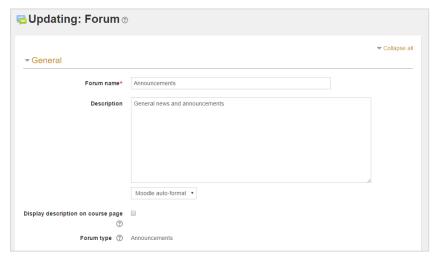
Learning Activity provide functions of Advanced Mindmap, Assignment, Chat, Choice, Database, External tool, Feedback, Forum, Glossary, Interactive Content, Lesson, Quiz, SCORM package, Survey, Tin Can Launch Link, Wiki, Workshop.

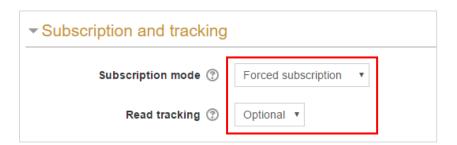
Resources provide functions of **Book**, **File**, **Folder**, **IMS Content Package**, **Label**, **Page**, **URL** (details of each function is explained later).



#### 6.1. Announcement







- Optional subscription: Participants can choose whether to be subscribed
- Forced subscription: Everyone is subscribed and cannot unsubscribe
- Auto subscription: Everyone is subscribed initially but can choose to unsubscribe at any time
- Subscription disabled: Subscriptions are not allowed

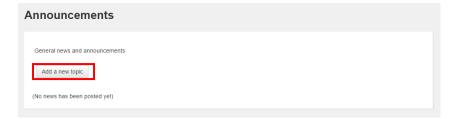
Enter Announcements first in the course page. However, announce board can be removed depending on the course goal.

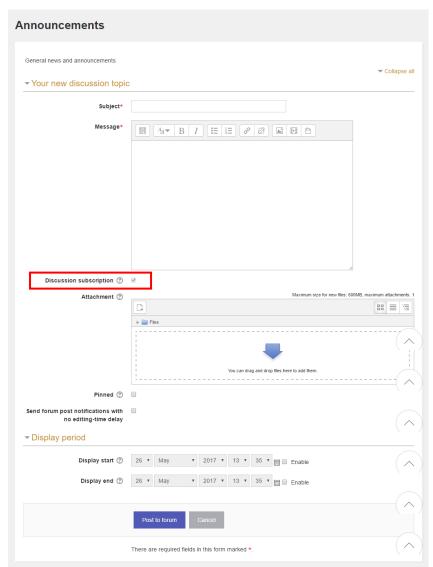
Basic structure of this activity is same with the function of forum creation and announcement forum is automatically generated when course is created. Only teacher and administrator can write postings and latest written postings are exposed in Latest announcement block on the main screen or dashboard.

Click [edit] to create content with [edit settings] or permanently delete it with [Delete]. Screen that allows entering forum name and content is appeared as in the left screen when clicking [edit settings].

Select one of the subscription mode out of four options in the left side from [Subscription and tracking] category. If 'Read tracking' is checked as 'optional', unread forum posting is exposed in highlights.







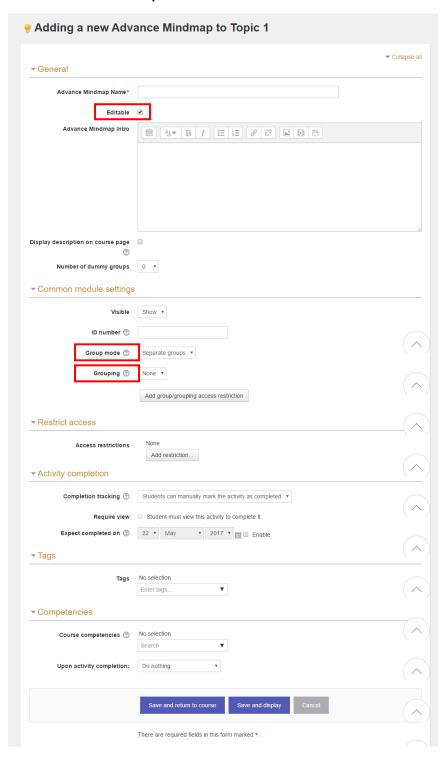
Announcement is newly created after [Save] and topic can be added as shown in the left screen.

Click [add a new topic] to write topic like as the left screen. Enter [subject] and [message].

Discussion subscription is checked when forum is set to be read forcibly by all users.



## 6.2. Advanced Mindmap



Advanced mindmap is an activity which students write and submit the mindmap individually or by groups.

Select [Advanced Mindmap] and click [Add] in popup screen to add activity. All \* fields are required.

User can directly write by entering [Advanced Mindmap Name] and checking [Editable].

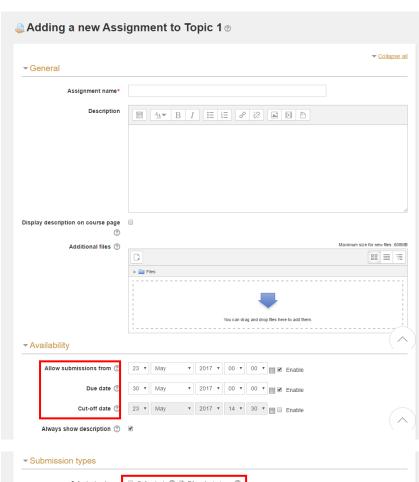
Select No groups/ Separate groups/ Visible groups from [Group mode].

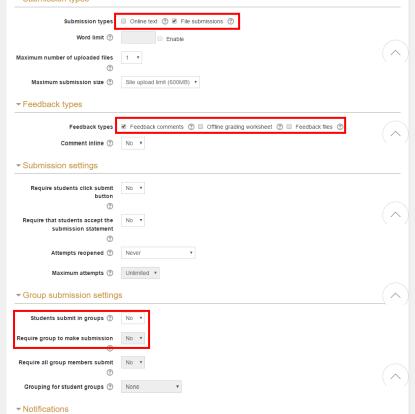
- No groups There are no sub groups, everyone is part of one big community
- Separate groups Each group member can only see their own group, others are invisible
- Visible groups Each group member works in their own group, but can also see other groups

Only relevant grouping members can access to this activity by connecting already created grouping in [Grouping].



## 6.3. Assignment





Assignment allows the teacher to provide tasks to the student and give grade or feedback.

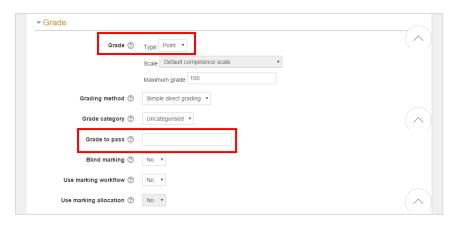
Enter [Assignment name] and register attachment file in [Additional file].

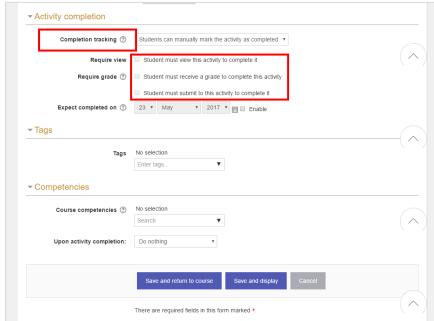
Enter start date of submission in [Allow submission from] and end date of assignment in [Due date] from [Availability] category. Submitting the assignment after the due date is available but will be marked as 'Late'. Enter [Cut-off date] to ban submission after specific date.

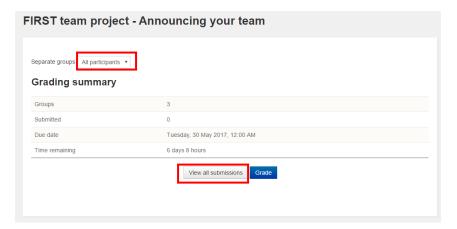
[submission types] selects whether the submission is done by a written text using editor or file submission. [feedback types] selects among feedback comments, offline grading worksheet, feedback files.

Go to [Group submission setting] in case of group assignment submission. [students submit in group] allows sharing submitted works between already created group members. Users who are not the group member cannot submit the assignment in [Require group to make submission].









Select whether to decide grading method as 'Scale/Point' from [Grade] category. 100 is automatically set as the highest score in case of Scales and teachers can choose the highest score in case of Point. Scores for pass can be decided in [Grade to pass].

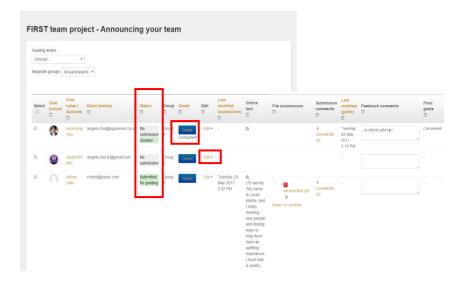
Check learning activity completion status of the student from [Activity completion] category.

Select one from 'Do not indicate activity completion/ Student can manually mark the activity as completed/ Show activity as complete when conditions are met' in [Completion tracking]. Check whether student must view this activity from [Require view], check whether student must receive a grade to complete this activity or student must submit the assignment from [Require grade] section.

Assignment submitted by students can be checked and graded like the left screen when clicking Assignment after [Save and display].

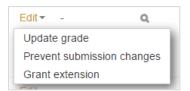
Select all participants or groups from [Separate groups], click [view all submission] to view all submission result or click [grade] to score grade.



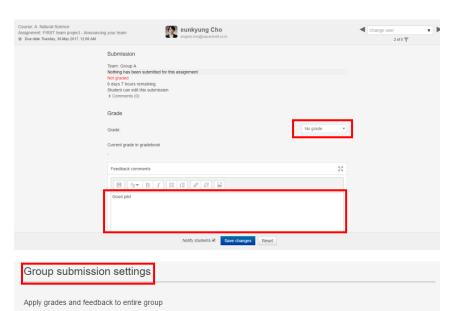


Click [view all submission] to see submission result of users as shown in the left.

Status can be checked as 'No submission/ Submitted for grading Graded' in [Status] category. Click [Grade] to move to the grade scoring page.



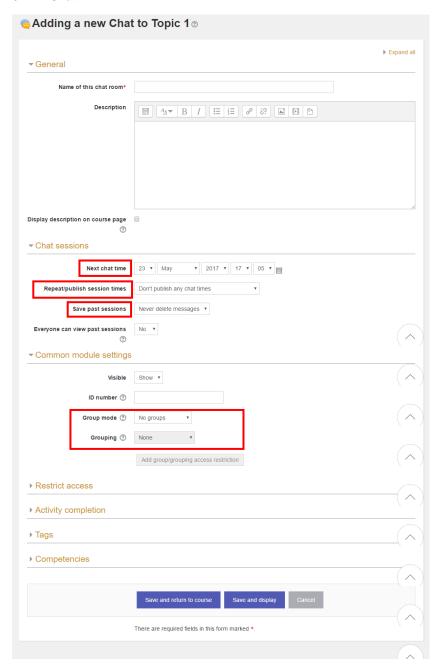
Use functions of 'update grade' and 'prevent submission changes' from [Edit] category. Extend submission date through 'Grant extension' or click 'Revert the submission to draft' to change the status of submitted assignment to temporary save.



Click [Grade] to view grade scoring page like the left. Enter each student's grade and use editor to write feedback comment. Check whether to give the same score and feedback to entire members within the group from [Group submission settings] category on the bottom of the page.



#### 6.4. Chat



Chatting is one-time activity but can be repeated everyday or every week around the same time. All chats are saved and participants can re-check the content after the chat.

Enter [next chat time] from [Chat session] category. Whether to inform the starting time of chat or to regularly do the chat can be decided in [repeat/publish session times].

- Don't publish any chat time
- no repeats publish the specified time only
- at the same time every day
- at the same time every week

Select from [save past session] to decide whether to save the chatting content or not.

Set chatting available by groups in [Common module settings]. Select [Group mode] among no group, separate groups, visible groups and select preferred group in [grouping].

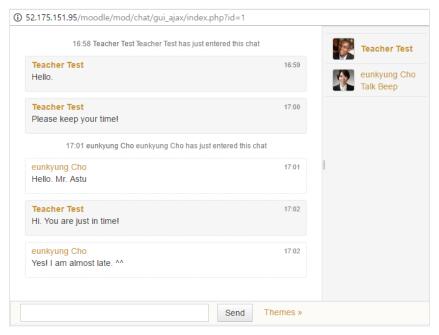
- No groups There are no sub groups, everyone is part of one big community
- Separate groups Each group member can only see their own group, others are invisible
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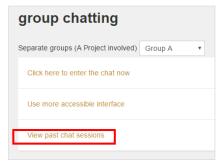


Check starting date/time of the chat and the group available to access as shown in the left screen by clicking chatting activity.

New chatting screen is created like the below screen when clicking [click here to enter the chat now].

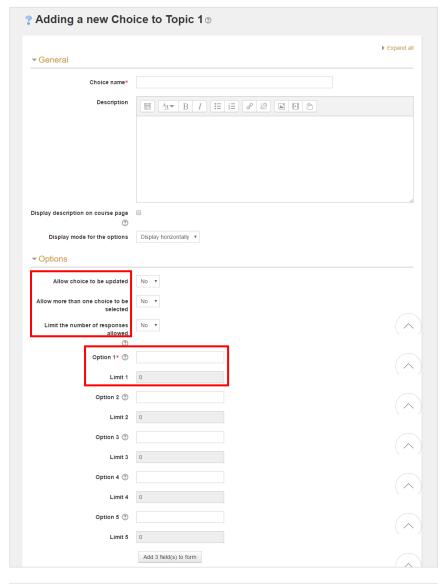


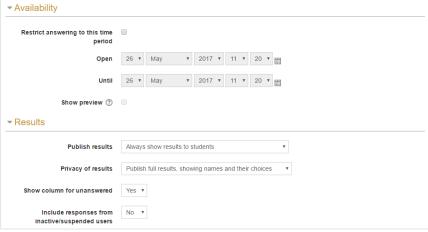
Current user of the chat and the content can be checked in real-time. Re-entry is possible after closing the chatting room but only the content is exposed. To check all previous chats, use [view past chat sessions]. (Availability of this depends on the policy set by the teacher when opening the chat)





#### 6.5. Choice





Teachers can throw 1 multiple question to students by using choice activity. Results can be seen right after the student choose their answer or in specific date or in private. Also, availability of exposing the student name can be selected.

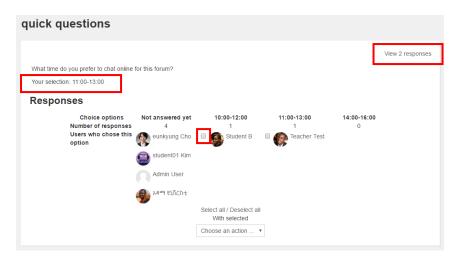
Student can select different answer from [allow choice to be updated] and resubmit. Multiple answers can be selected in [allow more than one choice to be selected] and number of people who can select the answer can be limited in [Limit the number of responses allowed].

Enter content relevant to [option 1] and enter number of people available to select that option in [limit 1]. For example, if number 5 is entered in [limit 1], only that 5 people can select the option.

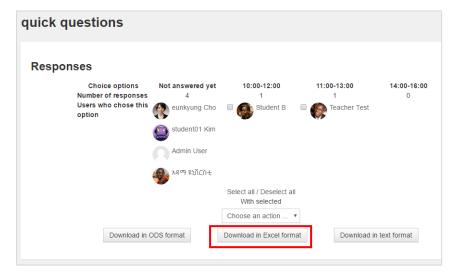
Choose answering time in [availability] category, use [publish results] function in [results] category to select among not showing answer to student, show answer right after submission of the answer, show answer after the due date, always show answer. Select from [Privacy of results] whether to show only the result but not the student name or to show all the result and the choices from the student.

Whether to make only the group members to see each member's submitted answer can be chosen in [common module settings].

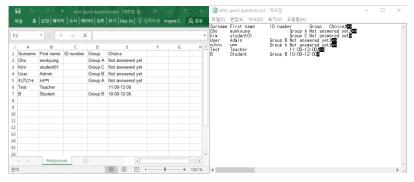




Responses from participants can be checked as the left screen when Choice activity is finally saved. (Student can only view when teacher made the answer as public)



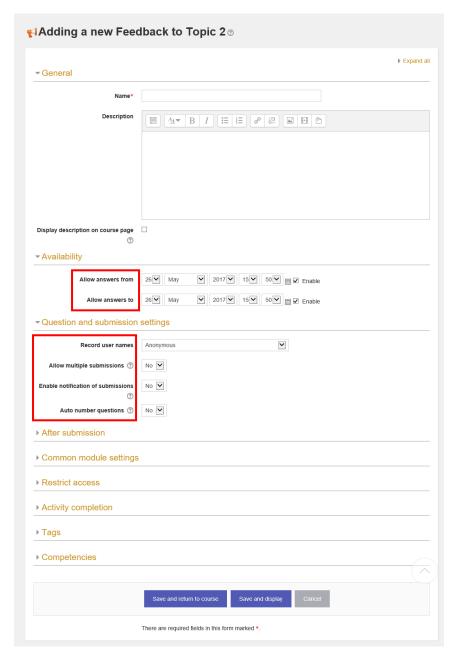
Check my answer from top-left of the screen and view each choices of the participant. Selected user's answer can be deleted in [choose an action].



Download learner's answer in excel or text file by clicking [view responses] shown in the left screen.



#### 6.6. Feedback



Feedback activity makes preferred format of survey and collects participant's feedback. Types of questions are various including multiple-choice question, subjective question and Y/N format question.

Select submission date of answer in [Availability] category.

In [Question and submission settings] category, [record user name] checks whether to leave user's name in answer, [allow multiple submissions] checks the availability of making more than one answer, [enable notification of submissions] choose to send notification to the teacher when the answer is submitted and [auto number questions] sets whether to automatically number questions.

Click [save and display] to move to survey page as shown in the left screen. Select preferred question type in [edit question] tab.

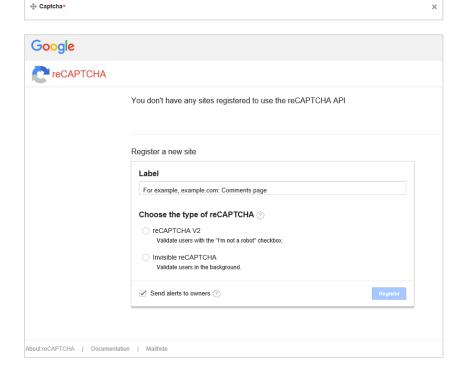
- add a page break (separate page)
- captcha (insert spam protection function)
- information (information guide)
- label (label guide)
- longer text answer (enter long text)
- multiple choice (multiple-choice question)
- Multiple choice (rated) (multiple-choice question)
- numeric answer (enter number)
- short text answer (enter short text)



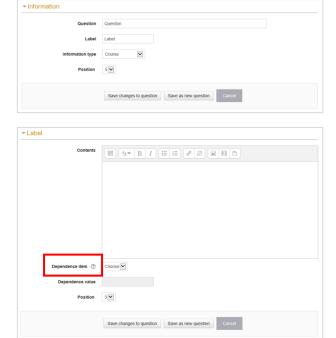




[add a page break] provides function of moving to next page from the actual question screen by locating it between questions.

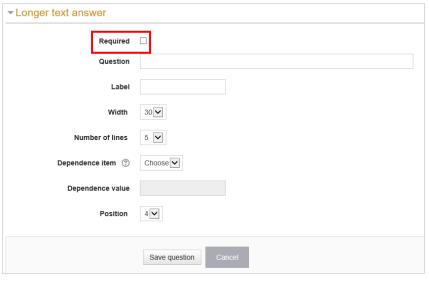


Spam protection function is used through Google's reCAPTCHA API as shown in the left when [captcha] is inserted.

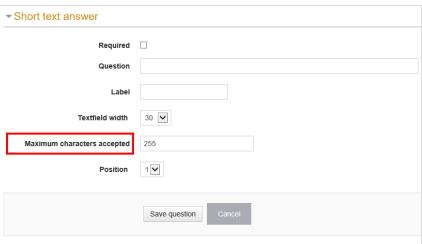


[information] is a guiding function for advance information regarding the question and the text entered in [Question] is simply exposed. [label] creates related question following students' answer regarding the previous question. Select created label in [dependence item].

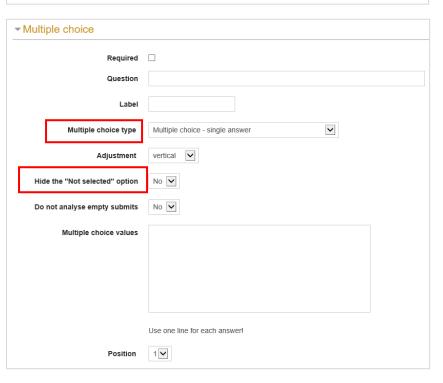




[longer text answer] allows entering long answer. Check [required] when answer is a must to answer, enter question in Question and enter label in Label.



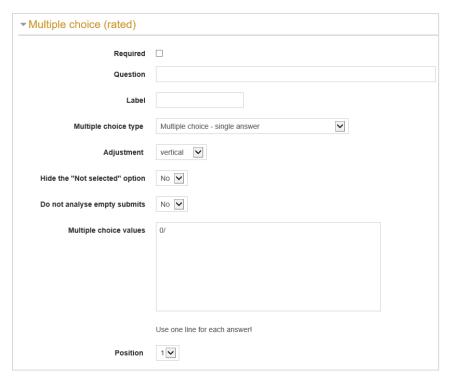
Short answer can be entered and entered characters can be limited in [short text answer].



Select between single answer, multiple answer single answer(dropdown list) from type in [multiple choice]. 'Not selected' option can be added in [hide the not selected option]. Enter each option in one line at [multiple choice values].

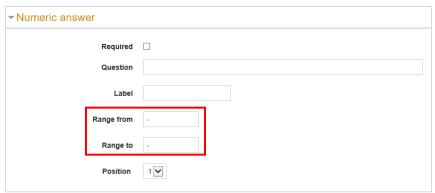
Multiple choice values	YES NO
	Use one line for each answer!





Select between single answer, single answer (dropdown list) from type in [multiple choice rated] and rate each option in [multiple choice values]. (Additionally enter the rate on the left side of option name)

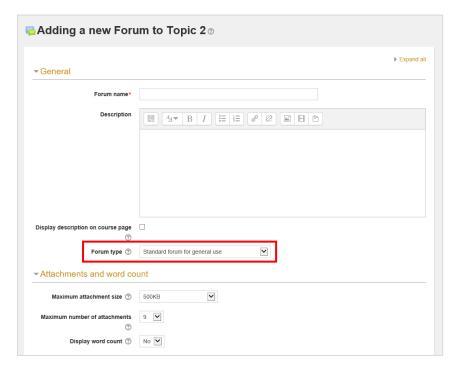




[Numeric answer] allows entering number and submitting the answer. Enter minimum value in Range from and maximum value in Range to.



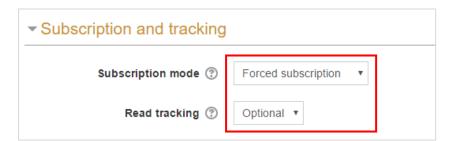
#### 6.7. Forum



[Forum] makes participants to have discussion without any time limit.

Select among 5 options in [forum type].

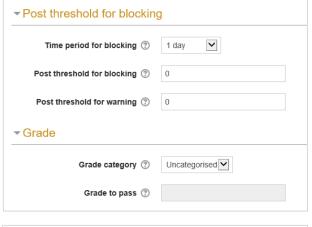
- •A single simple discussion A single discussion topic which everyone can reply to (cannot be used with separate groups)
- •Each person posts one discussion -Each student can post exactly one new discussion topic, which everyone can then reply to
- •Q and A forum Students must first post their perspectives before viewing other students' posts
- •Standard forum displayed in a bloglike format - An open forum where anyone can start a new discussion at any time, and in which discussion topics are displayed on one page with "Discuss this topic" links
- •<u>Standard forum for general use</u> An open forum where anyone can start a new discussion at any time

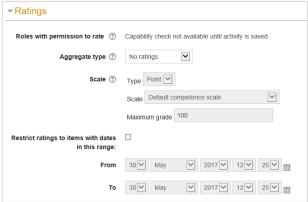


In [Subscription and tracking] category, select one subscription mode among 4 options or select read tracking and highlight unread forum content when it's selected as optional.

- Optional subscription: Participants can choose whether to be subscribed
- Forced subscription: Everyone is subscribed and cannot unsubscribe
- Auto subscription: Everyone is subscribed initially but can choose to unsubscribe at any time
- Subscription disabled: Subscriptions are not allowed







- •Average of ratings The mean of all ratings
- •Count of ratings The number of rated items becomes the final grade. Note that the total cannot exceed the maximum grade for the activity.
- •Maximum The highest rating becomes the final grade
- •Minimum The smallest rating becomes the final grade
- •Sum All ratings are added together. Note that the total cannot exceed the maximum grade for the activity.

Completion tracking Students can manually mark the activity as completed Require view Student must view this activity to complete it

Require grade Student must receive a grade to complete this activity

Require posts Student must post discussions or replies:

Require discussions Student must create discussions:

Require replies Student must post replies:

Expect completed on Supplies May Supplies:

Expect completed on Supplies Student must post replies:

Expect completed on Supplies Student must post replies:

Expect completed on Supplies Student must post replies:

Expect completed on Supplies Student must post replies Supplies Student must post replies Stud

[Post threshold for blocking] limits the number of post within specific period. [post threshold for warning] allows warning when number of posting exceeds a specific number.

When forum is set as activity score, established category can be selected and grade to pass can be entered in [grade] category.

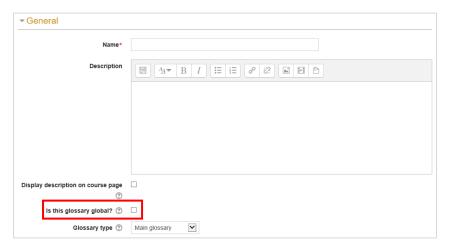
Decide how to count the final grade in gradebook by selecting [aggregate type](refer to the explanation on the left) in [rating] category. Activity doesn't appear in gradebook if no rating is selected. When type is selected as scale in [scale], select between default competence scale, separate and connected way of kowing and enter maximum score when selected as point.

Select group mode in [common module settings] category when the forum is operated only between the group members.

[Activity completion] sets an index of student for completion status by tracking completion availability (posting, number of comments, number of new forum creation etc.).

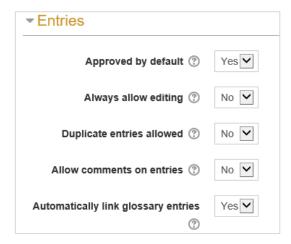


## 6.8. Glossary



## <Case Study>

- · Agreed key word is summarised
- 'getting to know you' space is created and new student name and personal information is introduced
- Handy tips resource is provided regarding the best case studies in practical subject
- · Useful video, image, audio file etc. is shared
- Resource needed to be remembered is arranged



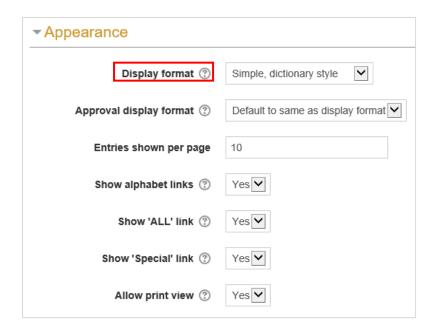
Glossary activity functions as creating and maintaining definition(meaning) list like a dictionary and collecting/constituting resource and information.

Checking [is this glossary global] creates glossary that applies to all sites apart from the course (only administrator account is able to create).

[Glossary type] have main and secondary, all glossary becomes secondary if separate relationship is not established.

In [entries] area, whether anyone can enter without approval, availability of editing, whether users with identical concept name can enter simultaneously, whether all users can comment on entry page can be set. If concept term and sentence is exposed within the course, automatically link glossary entries is created.





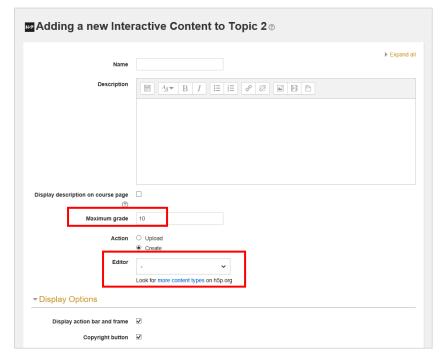
Select one format out of 7 in [display format], select [approval display format] to use only after approval regarding other glossary formats.

Also, set search by alphabetical order, search all, show special link, print mode availability.

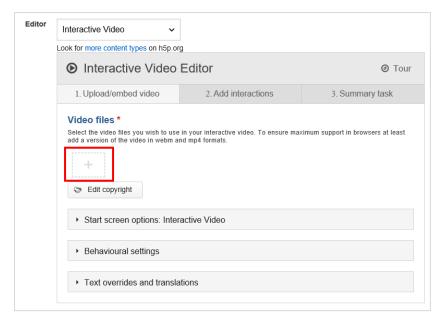
- Simple, dictionary style No authors are displayed and attachments are shown as links
- Continuous without author Entries are displayed one after another without any separation apart from the editing icons
- Full with author A forum-like display format showing the author's data and with attachments shown as links
- Full without author A forum-like display format without authors and with attachments shown as links
- Encyclopedia As for "Full with author" but attached images are shown inline
- · Entry list Concepts are listed as links
- FAQ The words QUESTION and ANSWER are appended to the concept and definition respectively



#### 6.9. H5P



#### 6.9.1. Interactive Video



Select file to upload

or

Enter video source URL or YouTube link

H5P supports all external video sources formatted as mp4, webm or ogv, like Vimeo Pro, and has support for YouTube links.

Insert Cancel

H5P activity is an authoring tool for interactive content such as interactive video, question sets, drag & drop question, multiple-choice question, presentation etc.

[Add] H5P to move to H5P production page like the left screen.

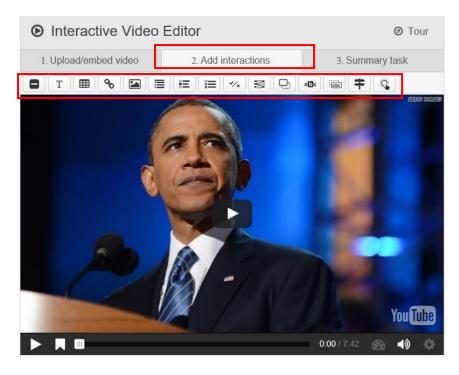
Select create in [action] to enter preferred [maximum grade] and produce new ones. Select 'interactive video' in [editor] to make video based content, select 'course presentation' to make presentation based content.

Authoring tool is created below the [editor] when choosing Interactive video. There are 3 steps; (1)Upload/Embedded video (2)Insert interaction (3)Insert summary.

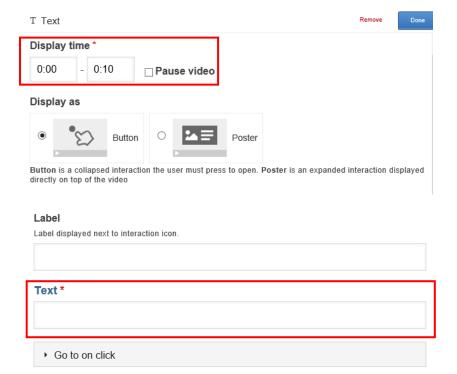
File upload screen is generated when

clicking video insert button. Click [select file to upload] to register saved file in PC(file extension supports mp4, webm, ogv). Enter URL address in [enter video source URL or Youtube link]. Various videos can be uploaded or embedded in one content.





## (1) Insert Text (Description)



Click [add interaction] tab to check registered video. Insert wanted activity by clicking activity icon button located at the top of the video (sequentially from the left).

- label
- text
- table
- link
- image
- Statements
- Single choice set
- Multiple choice
- True/false question
- Fill in the blanks
- · Drag and drops
- Mark the word
- Drag texts
- Crossroads
- Navigation hotspot

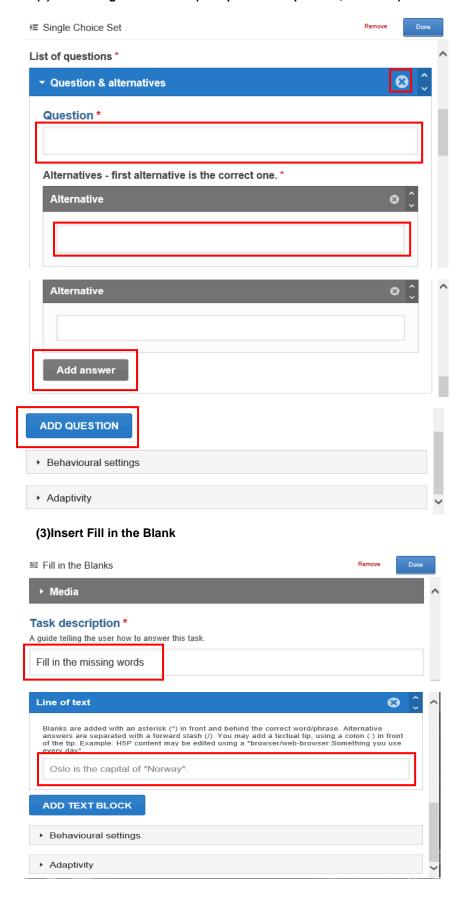
Click Text(description) insertion function to generate activity authoring screen as shown in the left.

- Display time: description exposure time (check Pause to temporary stop the video)
- Text: Enter description in input window

Click [done] to save text and click [remove] to delete activity.



## (2) Insert Single Choice Set (Multiple-choice question, 1 answer)



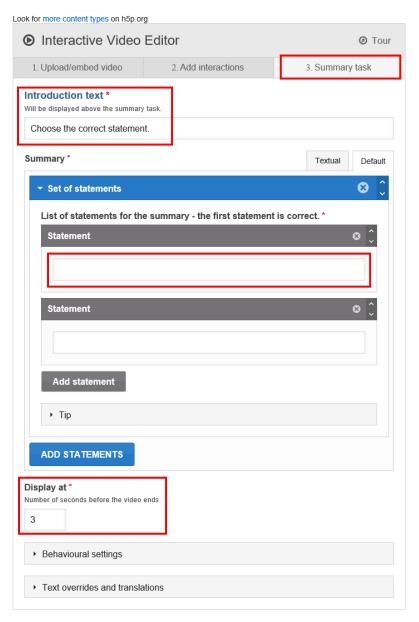
Single choice set presents multiple question format with one answer. Enter question in [question] area and enter options in [alternative] section. The first alternative becomes the answer. Click [add answer] to create more options and click [add question] to add more question.

Click button to delete question and related options.

In terms of fill in the blanks, enter question and notice in [task description] and enter the content of fill in the blank in [line of text]. The content to be blanked automatically becomes blank when (\*) is marked in front and back side of the word/phrase. Click [add text block] to add text block.



## (4) Insert Summary Task



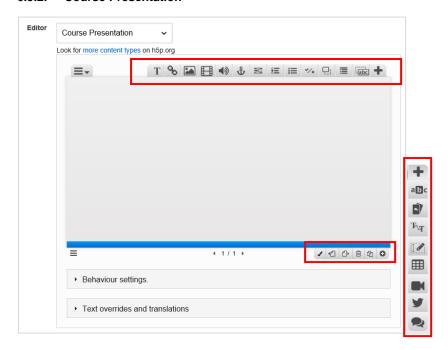
Move to the third tab to enter summary task. Enter notice/explanation in [introduction text], Enter summarised options in [statement] box. Only the first statement is correct. Click [add statements] to create more summarised questions and click [add statement] to add more options.

Enter when to expose the summarised question in [display at].

Set groups that are available to learn in [common module settings]. Set index which indicates what student should complete for activity completion management in [activity completion] area.



#### 6.9.2. Course Presentation





Also, slide can be added or deleted using icon below the slide.

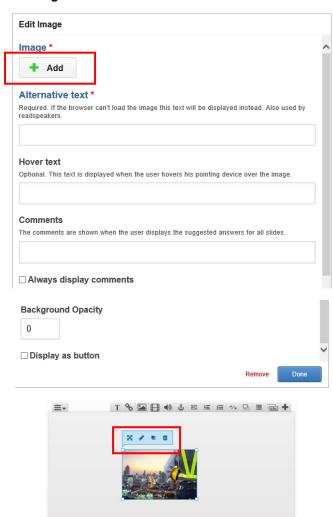
- Set slide background
- Sort slide left
- Sort slide right
- Remove slide
- Clone slide
- Add new slide

Authoring tool for presentation is created below [Editor] when course presentation is selected. Several slides can be created and various activity can be entered by slides. (Sequentially from the left)

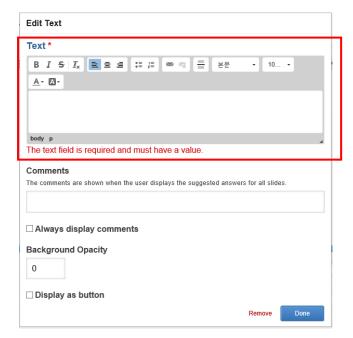
- Text
- Link
- Image
- Video
- Audio
- Go to slide
- Fill in the blanks
- Single choice set
- Multiple choice
- True/false question
- Drag and drop
- Summary
- Drag text
- Mark the word
- Dialogue card
- Continuous text
- Exportable text area
- Table
- Interactive video
- Twitter user feed
- Appear.in for chat and talk



### (1) Insert Image



(2) Insert Text



Screen like the left is generated when clicking Image icon and PC file can be registered through file search by clicking [add]. Enter alternative text in [alternative text] for hearing-impaired person or when image is not loading normally. [hover text] appears when user hovers the mouse to the image.



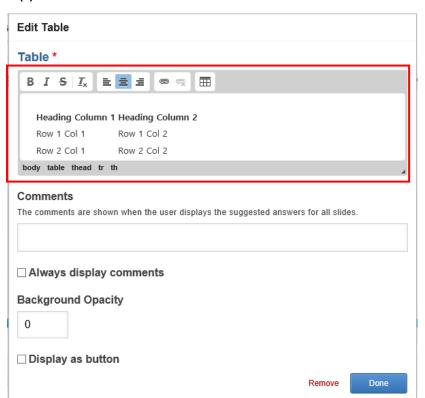
Functions such as adjusting image size, changing/editing location, moving to the front, deleting can be used after inserting the image.

Screen like the left is generated when clicking text icon and text can be manually entered using editor.



10000

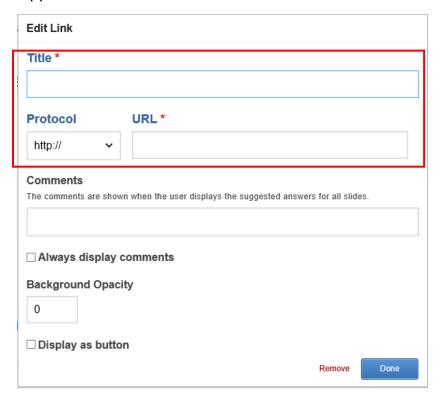
## (3) Insert Table



Screen like the left is generated when clicking table icon and table content can be entered using editor.

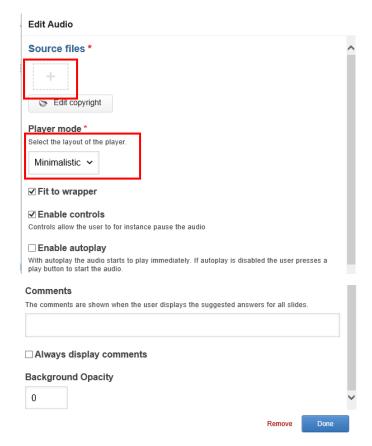
Window like the left is created when clicking link icon and link title to be shown can be entered in [Title] section. Enter relevant [protocol] information and [URL] address.

#### (4) Insert Link

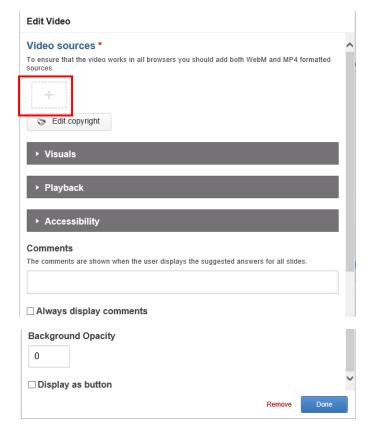




### (5) Insert Audio



## (6) Insert Video



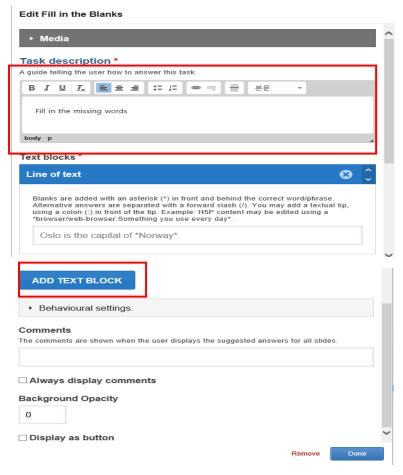
Window like the left is created when clicking audio icon. Click source file registration button to go to file uploading window. Click [select file to upload] and upload files saved in PC (file extension supports mp3, wav). Enter URL address to be used in [enter video source URL or Youtube link]. Various audio file can be uploaded and embedded.

Choose between minimalistic mode or full mode in [player mode].

Window like the left is generated when clicking video icon and file upload window is created when clicking insert video button. Click [select file to upload] to upload file saved in PC (file extension supports mp4, webm, ogv). Enter URL address to be used in [enter video source URL or Youtube link]. Several videos can be uploaded or embedded in one content.

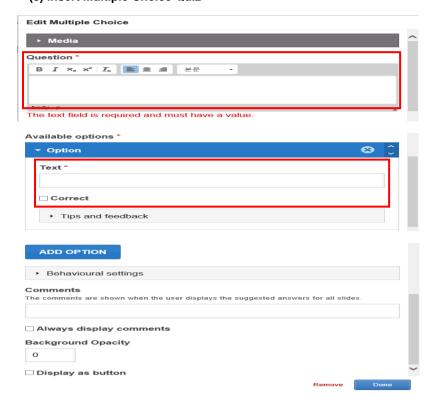


### (7) Insert Fill in the Blank



Question and notice is entered in [task description] in fill in the blanks category. Fill in the blank content is entered in [line of text]. The content to be blanked automatically becomes blank when (\*) is marked in front and back side of the word/phrase. Click [add text block] to add text block.

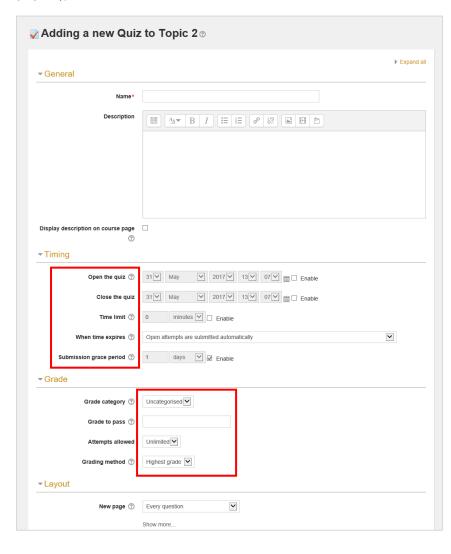
### (8) Insert Multiple Choice Quiz

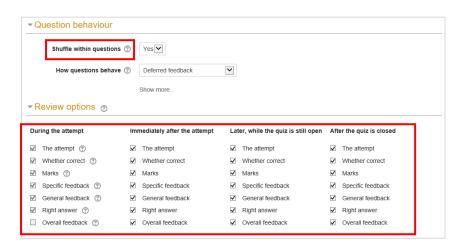


Multiple choice is a multiple question format with several answers. Enter question in [question] box and enter option in [text] section. Check [correct] to the option which is an answer. Click [add option] to add option.



#### 6.10. Quiz





Teacher can make various types of quiz through quiz activity (multiple-choice question, matching short answer question, short number question etc.). Teacher can present question that can be tried several times, randomly selected question from the question bank or set the question number to be mixed. All answers are automatically counted and recorded in gradebook except the essay format. Teachers can decide the availability and provision date of hint, feedback, answer.

Date of quiz(open/close) is set in [open the quiz] and [close the quiz] located in [Timing] category. Time limit for solving the quiz is set in [time limit]. [when time expires] sets allowed behaviour of student after the limited time and [submission grace period] sets extra time after the limited time (submitting answer is not allowed).

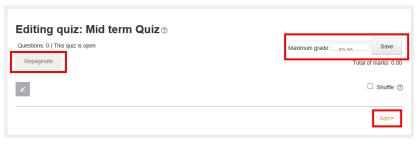
[Grade] sets content to be reflected in gradebook, grade category, grade to pass, number of attempts, grading method.

In [question behaviour] category, [shuffle within questions] sets whether to mix questions and [review options] sets availability of attempted number, whether the answer is correct and correct answer, marks, feedback and overall feedback following the total score.

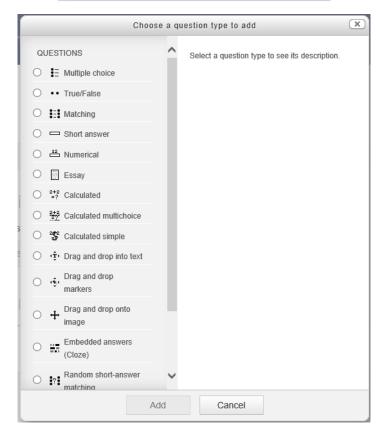
[common module settings] sets access availability by groups and [activity completion] sets availability of learning completion management.











Creating quiz page appears as shown in the left when quiz is saved. Click [edit quiz] to edit [maximum grade].

Click button and use popup to add new question, bring from question bank or add a random question.



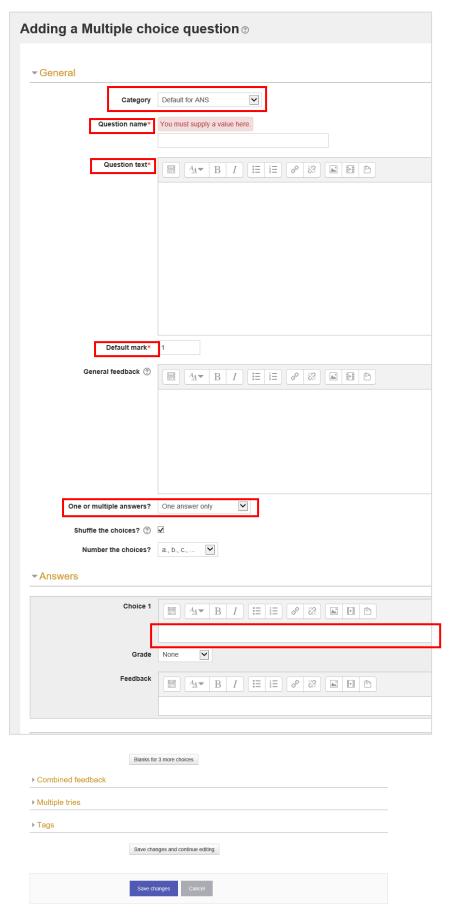
Click [repaginate] and decide how many questions to automatically pass per page.

Popup that selects question type is created when clicking [a new question].

- Multiple choice
- True/False
- Matching
- Short answer
- Numerical
- Essay
- Calculated
- Calculated multi choice
- Calculated simple
- Drag and drop into text
- Drag and drop markers
- Drag and drop onto image
- Embedded answers (cloze)
- Random short-answer matching
- Select missing word
- Description



### 6.10.1. Multiple Choice



Question inserting screen appears when selecting [multiple choice]. Select category where the question will be included, enter question name in [question name], question content in [question text] and question mark in [default mark].

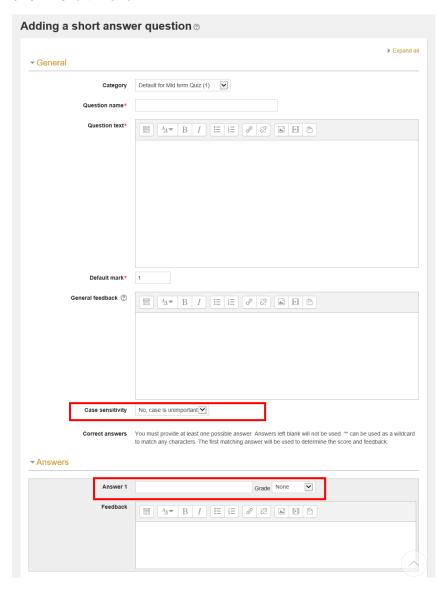
Enter number of answers in [one or multiple answer] and choose whether to make the choices shuffled.

In [answers] area, enter the content in [chocie1] and set grade by choices and feedback in [grade]. Blanked options are automatically unexposed.

Click [blanks for 3 more choices] to add more choices.



#### 6.10.2. Short Answer



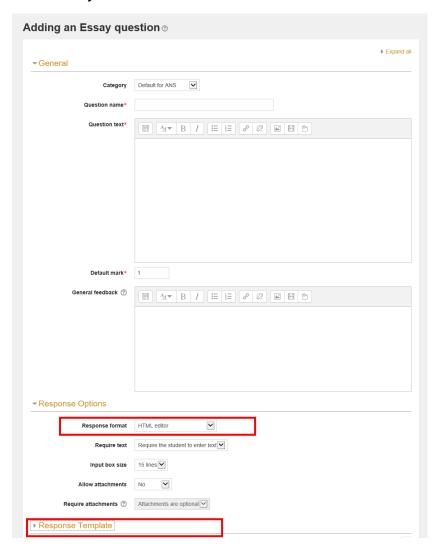
Screen like the left is shown when [short answer] is selected. Select category where the question will be included and enter question name in [question name], question content in [question text], question mark in [default mark].

Select between 'no, case is unimportant' and 'yes, case must match' in [case sensitive].

Enter [answer] and [grade]. It doesn't matter if learner enters any letter when (\*) is marked to the letter because it's regarded as wild card in this case.



### 6.10.3. Essay

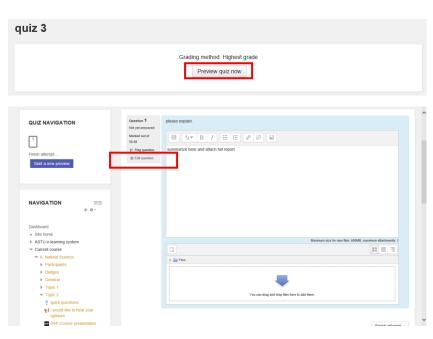


Screen as the left is shown when [essay] is selected. Select category where the question will be included, enter question name in [question name], question content in [question text] and question mark in [default mark].

Select editor type to be provided to the student in [response format] and decide whether the text must be entered and whether to allow attachment file submission.

Content written in [response template] is exposed in answer sheet whenever the question is newly reviewed.

Click [preview quiz now] button to edit written question. Click each question's [edit question] and edit.

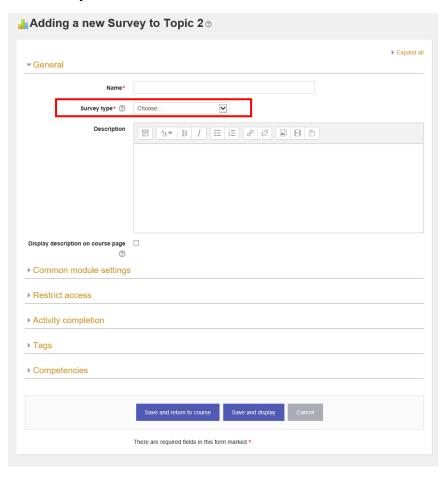




### 6.11. Scorm Package

Refer to <u>Document Number ASTU-6F-C-003-LMS Manual Loading e-Learning</u> Content for registration method of Scorm package content.

#### 6.12. Survey



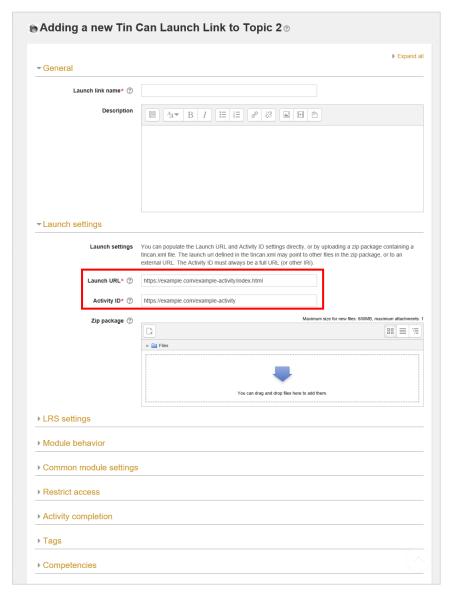
Survey activity provides several certified survey questions that can evaluate online learning environment. Feedback activity is used if teachers want to create their own question.

3 types of surveys are provided in [survey type] as shown in the left.

- Attitudes to Thinking and Learning Survey (ATTLS) For measuring the extent to which a person is a 'connected knower' (tends to find learning more enjoyable, and is often more cooperative, congenial and more willing to build on the ideas of others) or a 'separate knower' (tends to take a more critical and argumentative stance to learning)
- Critical incidents survey
- Constructivist On-line Learning Environment Survey (COLLES) For monitoring the extent to which the interactive capacity of the World Wide Web may be exploited for engaging students in dynamic learning practices



## 6.13. TIN CAN Launch Link

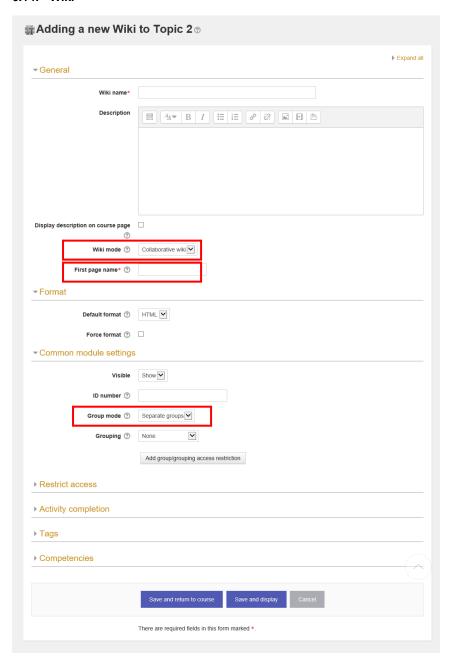


A plug in for Moodle that allows the launch of Tin Can (xAPI) content which is then tracked to a separate LRS.

You can populate the [Launch URL] and [Activity ID] settings directly, or by uploading a zip package containing a tincan.xml file. The launch URL defined in the tincan.xml may point to other files in the zip package, or to an external URL. The Activity ID must always be a full URL (or other IRI).



#### 6.14. Wiki



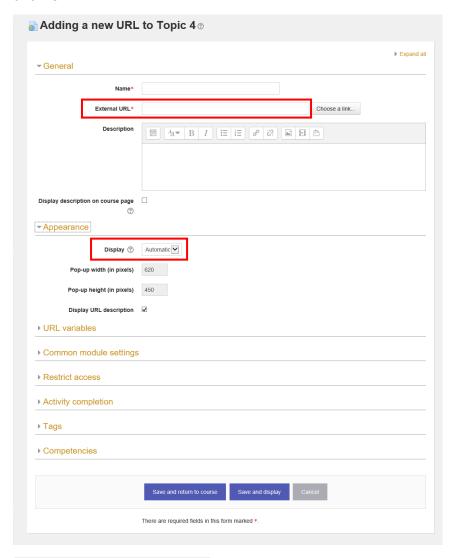
The wiki activity module enables participants to add and edit a collection of web pages. A wiki can be collaborative, with everyone being able to edit it, or individual, where everyone has their own wiki which only they can edit.

A history of previous versions of each page in the wiki is kept, listing the edits made by each participant.

Select first page title in [first page name], select collaborative wiki/individual wiki in [wiki mode].

Select one among no group, separate group, visual group in [group mode] of [common module settings] area.

#### 6.15. URL



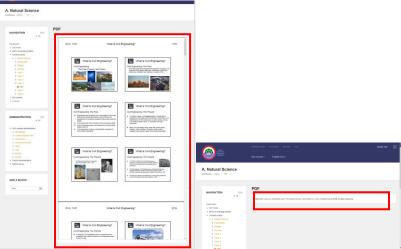
The URL activity enables the teacher to provide a web link as a course resource.

URL activity must be used when file is shared to the participant. Upload file to LCMS(ref. LCMS user manual)and copy URL of uploaded file, paste URL address to [external URL].

Uploaded file is exposed in the screen as shown in the below screen when clicking [embedded] in [display] category. URL that can check the file is exposed when clicking either [automatic] or [open]. Don't embed file which cannot be viewed in web such as excel and word except PDF.

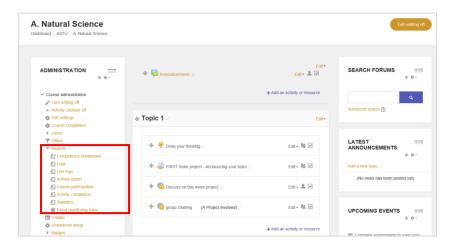
Anything that is freely available online, such as documents or images, can be linked to; the URL doesn't have to be the home page of a website. The URL of a particular web page may be copied and pasted or a teacher can use the file picker and choose a link from a repository such as Flickr, YouTube or Wikimedia (depending upon which repositories are enabled for the site).

Note that URLs can also be added to any other resource or activity type through the text editor.



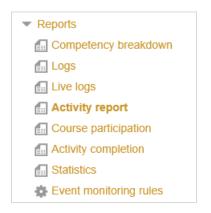


# 7. Checking Learning Record



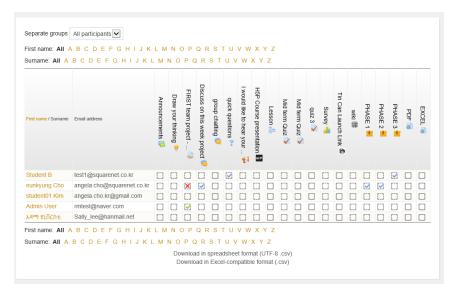
A. Natural Science Computed from logs since Saturday, 4 February 2017, 4:27 PM. Activity Friday, 26 May 2017, 1:36 PM (6 days 2 hours) 7 by 3 users -Topic 1 P Draw your thinking 32 by 4 users -Tuesday, 23 May 2017, 2:24 PM (9 days 1 hour) 67 by 4 users Wednesday, 31 May 2017, 2:03 PM (1 day 1 hour FIRST team project - Announcing your team Discuss on this week project 10 by 2 users a group chatting 9 by 3 users Topic 2 ? quick questions 32 by 2 users Friday, 26 May 2017, 12:46 PM (6 days 3 hours) ¶ I would like to hear your opinion! Tuesday, 30 May 2017, 11:34 AM (2 days 4 hours) 25 by 3 users 4 by 1 users 4 by 1 users Thursday, 1 June 2017, 11:43 AM (4 hours 19 mins) Thursday, 1 June 2017, 1:14 PM (2 hours 48 mins) 2 by 1 users -Thursday, 1 June 2017, 1:25 PM (2 hours 37 mins) Tin Can Launch Link 2 by 1 users Thursday, 1 June 2017, 1:47 PM (2 hours 15 mins Topic 3 PHASE 1 Thursday, 1 June 2017, 10:57 AM (5 hours 4 mins) PHASE 2 87 by 4 users Thursday, 1 June 2017, 10:58 AM (5 hours 4 mins PHASE 3 16 by 3 users Wednesday, 31 May 2017, 6:01 PM (22 hours) Topic 4 PDF Thursday, 1 June 2017, 3:19 PM (42 mins 42 secs) EXCEL

Participants' learning activity record can be checked through [reports] menu in [administration] block located in the left side of the course page.



Check views and accessed users by activity within course in [activity report].

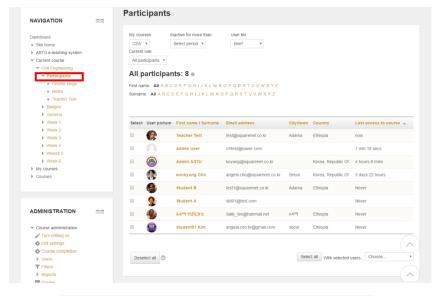


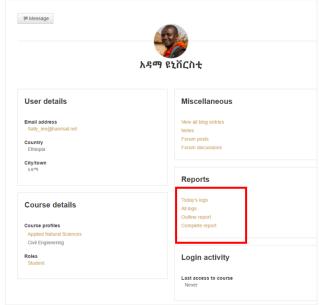


Check personal learning completion status, pass/fail availability for each activity in [activity completion].

Check participant's learning activity report by clicking [participants] in [navigation] block located in the left side of the course page.

Click participant name to move to user details, connection log(daily log/full log), learning result report(outline report), completion report of learning activity(complete report).









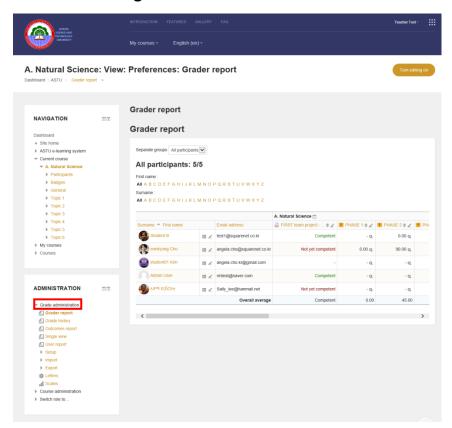
Click [all log] to check all activity log by dates.

Click [outline report] to check student's learning history by activity. Check each activity's latest learning date/achieved grade, pass/fail, number of access etc. Click [complete report] to check details of learned content for each activity.



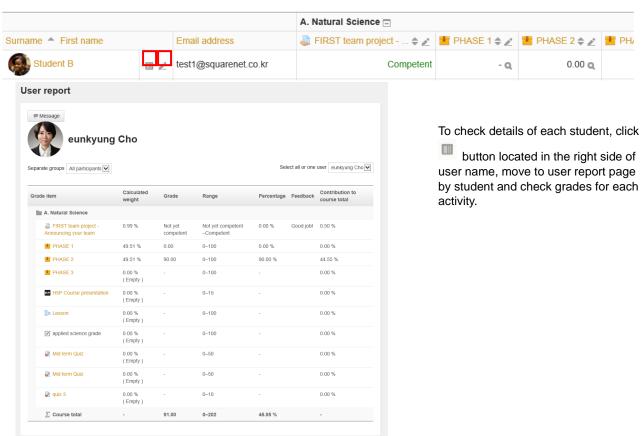


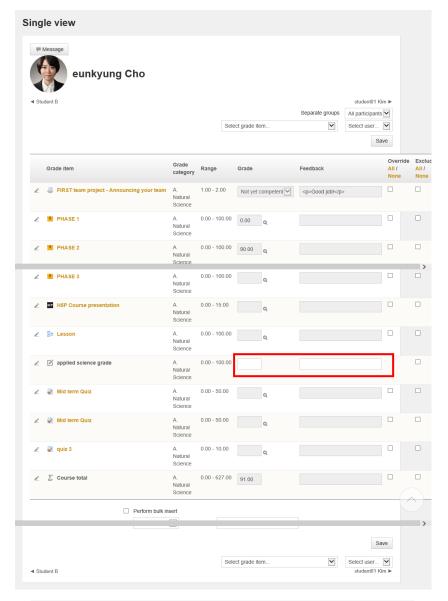
## 8. Grade Management

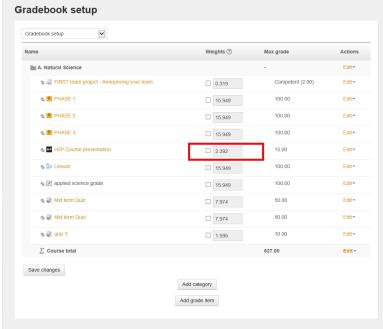


Click [grade] in [administration] block to move to [grade administration] page like the left screen. Overall result by activity can be checked in first menu [grade report].









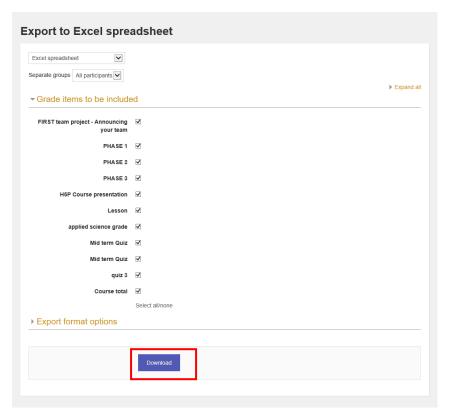
Click located in the right side of

button in [grade report] to move to single view page by student. Manually grade activity in the right side of the field when it's not graded yet (in case of activities that cannot be automatically graded; assignment or essay etc.).

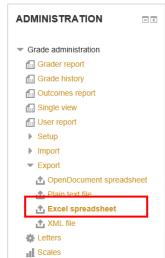


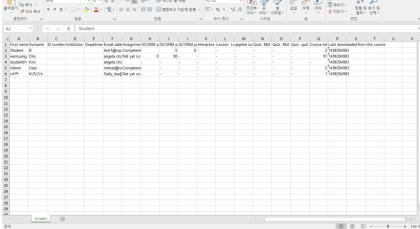
Move to gradebook setup page by clicking [setup] > [gradebook setup] of [administration] block. This page adjust weights of each activity within course and reflect it to total grade computation. Click select box of activity and activate the right field to change weights. Total weights should be 100.



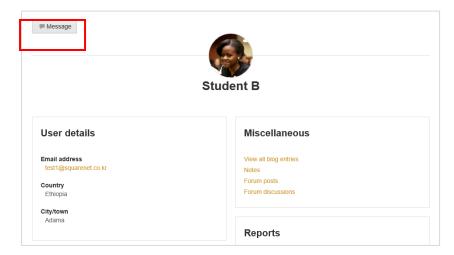


Move to export to excel spreadsheet page by clicking [excel spreadsheet] of [export] in [administration] block.



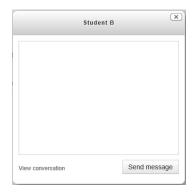


# 9. 1:1 Message and Counselling

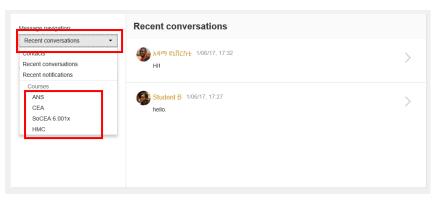


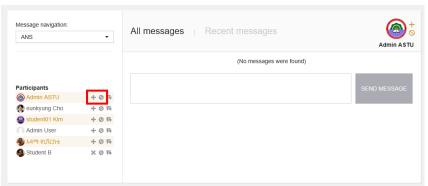
Click student name in [participants] menu to move to user details page, click [message] button in the left side of the page to create 1:1 message window.

Click [send message] after writing the content.









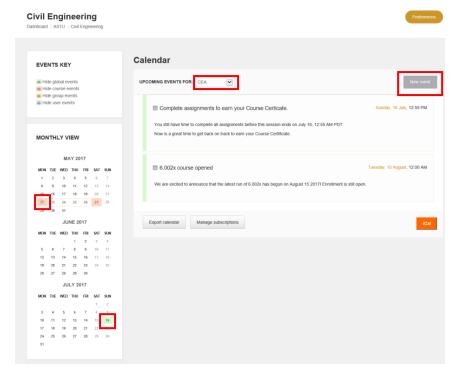
To check all exchanged messages, move to initial [dashboard] page, click [message] in [message] block and move to [message] page. Select [recent conversation] to check recent conversation.

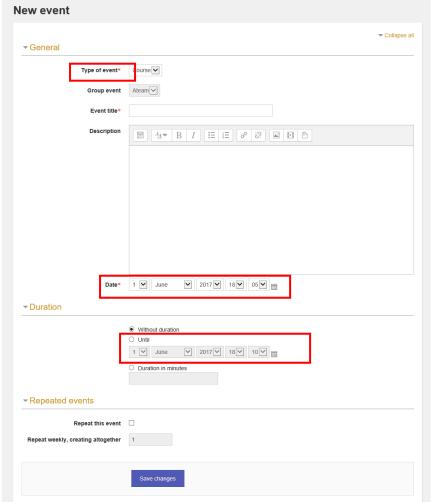
Click course name to check all exchanged messages with users and send message.

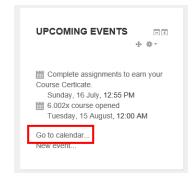
Click [add contact] if the user is not saved in [contact] to easily find them in [contact] menu. Use [block contact] to user who do not want to exchange any messages.



# 10. Calendar Management







Move to calendar page relevant to the course by clicking [go to calendar] of [upcoming event] in [dashboard] page.



Each event is marked different; event within calendar is shown as global events(site's full event), course events, group events, user events(personal event). Check schedule by selecting all course or course name in [upcoming event for] field.

Click [new event] to register new event as shown in the left screen.

Select course/group/user in [type of event] and enter [event title] and [description]. Enter start date in [date] and end date in [until] of [duration] area. Select [repeat this event] when event is periodically repeated.

