

mConnect the Moodle in Teams app by Skooler

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We empower teachers so they get the recognition they deserve

If you want more information please click on this link to fill in a form <https://bit.ly/3nSRNOj>

Hi, we're SKOOLER

Focused on the education sector and founded in Norway in 2015

Make education life easier

We connect lecturers, teachers, students, collaboration and technology in a way that has never been done before

HQ in Norway + USA, UK and Sweden

Serving customers Worldwide

Skooler + Office 365

The complete digital toolbox for learning



moodle



Microsoft Teams

Gold

Microsoft Partner



Introduction & Agenda

A complete solution for your school life

We connect teachers, students, collaboration and technology in a way that has never been done



**Moodle and Microsoft
partnerships**



**Teach anything to
anyone from anywhere**



**Become superstars
in your fields**



How do we empower educators, so they get the recognition they deserve?



Hassle-free collaboration
with students



Support from a
trusted Microsoft &
Moodle partner



Grow with an
innovative
solution



One solution covering
all your needs



Be at the forefront
of your industry

Moodle Learning Teams Collaboration **Office365** Productivity



Single sign-on

Users will be automatically logged in to Moodle - no need for multiple log-ins and remembering yet another username+password



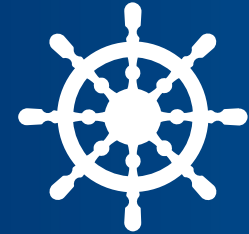
Collaboration

Calls, video, chat, OneDrive, Calendar are only one click away for easy access



One workspace

All relevant information from a Moodle course (topics, assignments etc.) is fetched and shown in the corresponding Team



Be in control

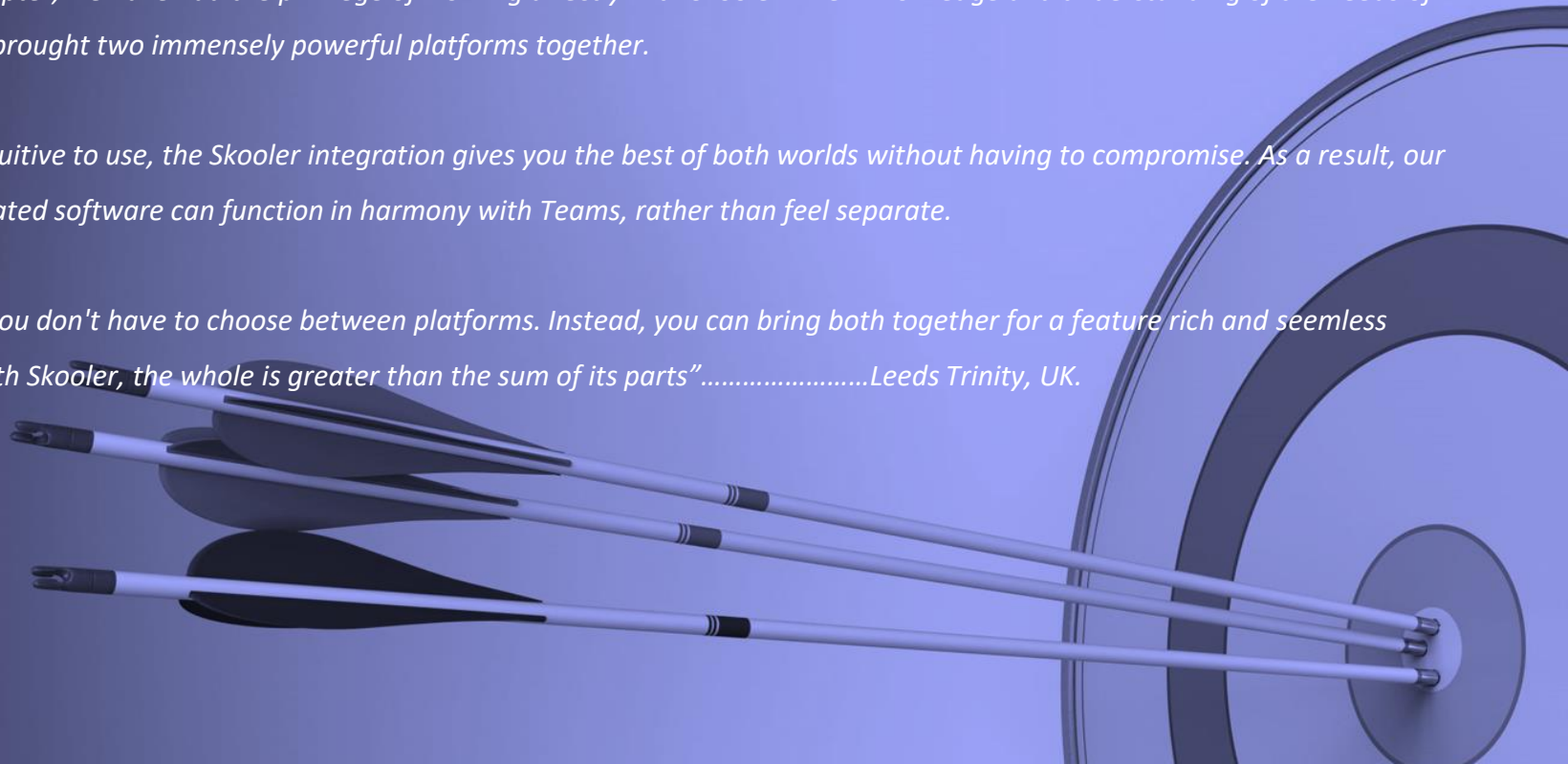
A strong management tool allows for only approved admins to manage courses in Teams

Microsoft Teams and Moodle. While Teams offers amazing opportunities for live teaching and Office 365 functionality, we did not want to lose the pedagogically focused Moodle platform and the control, reporting and customisation it brings. Why choose between them when you can have both?

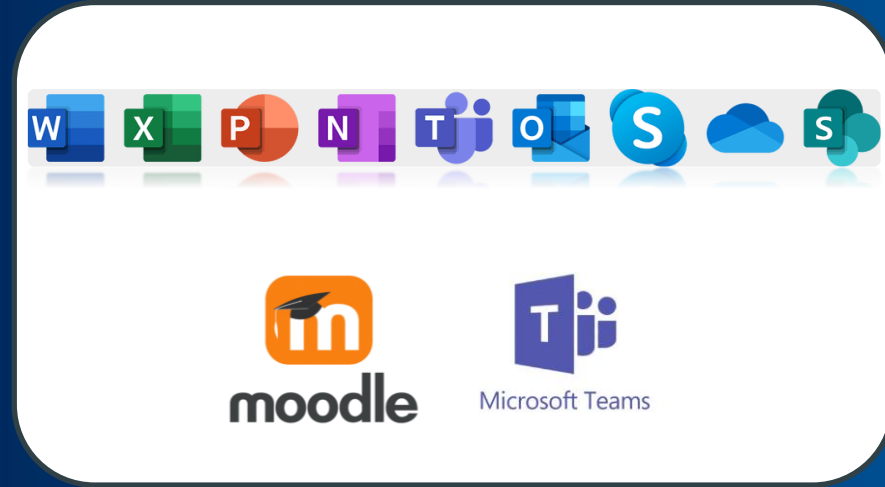
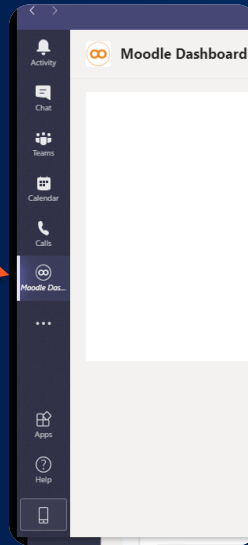
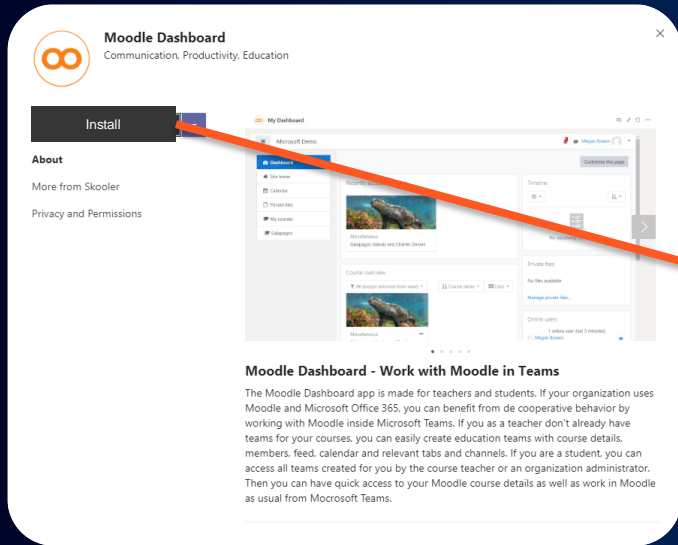
As an early adopter, we have had the privilege of working directly with Skooler. Their knowledge and understanding of the needs of educators has brought two immensely powerful platforms together.

So easy and intuitive to use, the Skooler integration gives you the best of both worlds without having to compromise. As a result, our VLE and integrated software can function in harmony with Teams, rather than feel separate.

With Skooler, you don't have to choose between platforms. Instead, you can bring both together for a feature rich and seamless experience. With Skooler, the whole is greater than the sum of its parts"Leeds Trinity, UK.



We integrate two leading platforms into one view



Easy to follow step-by-step setup process

Prerequisites and Setup details

This page will explain the setup steps.

What do I need?

You will need

- Microsoft Office 365 and Microsoft Teams
- Moodle (Required version: 3.8 or newer | Recommended version: 3.7 or newer. [Download](#))

During setup, you will also need to have admin role in your Moodle installation. In Microsoft Office 365 (Azure AD) you need to be a Global Administrator. If you don't have these roles, you will need to have the persons with those roles available.

Last updated: 2020-06-04

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 - Enable iframe support
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 - Configure Moodle plugin: "OpenID Connect Authentication"
 - Configure Moodle plugin: "WebHooks"

1. Initial steps in Moodle Teams Management

Before you start, there are a few steps you have to do in Moodle Teams Management:

- Consent and grant permissions** The first step after logging in is to allow Moodle Teams Management to communicate with your Azure AD (Office 365).
 - Navigate to the "Setup Management" tab in Moodle Teams Management. Make sure you are logged in as a Global administrator, or has that person available.
 - Review the team details about your organization and click the "Grant permissions" to the right in the page.
 - You will be prompted by an admin consent that allows this app to communicate with your Azure AD (Office 365).

Permissions requested

Accept for your organization

Moodle Teams Management (Admin)	Microsoft.com
---------------------------------	---------------

This application is not published by Microsoft or your organization. It is requested by [Microsoft.com](#).

Set service user role

When the user is created, it needs to get the "site administrator" role assigned.

- Make sure you are logged in to Moodle with an admin user
- Navigate to "Site administrators"
(Site administration -> Users -> Permissions -> Site administrators)
- In the right pane, find or search for the service user you created, then
- Press the "Add" button located between the two panes
- The user will appear under "Existing users" in the left pane.

[Show me an example](#)

Obtain a service user token

When the site administrator role is set, you need to obtain a token that Moodle can use to communicate with Teams.

- Make sure you are logged in to Moodle with an admin user
- Navigate to "Manage tokens"
(Site administration -> Plugins -> Web services -> Manage tokens)
- Click "Add" below the list to add a new token.
- Search for a user ("Teams App") and click to select it. The user will now appear in the list.
- Make sure you select service "Moodle mobile web service". If you want to update the token again in Moodle Teams Management when it expires, you can do so.
- Press the "Save changes" button to create the token.
- The token will now appear in the token list. You will need this token value to be able to connect Moodle to Teams.

[Show me an example](#)

Enable iframe support

If a part of Moodle will be shown in Teams, you must tell Moodle that it's OK showing elements like the Moodle dashboard in as "iframe" in a tab.

- Make sure you are logged in to Moodle with an admin user

6. Please note that an existing ".htaccess" file could already have a defined content, so please leave existing content as it is.

The ".htaccess" should contain the following lines:

```
Header set Content-Security-Policy "Frame-ancestors 'self' https://teams.microsoft.com https://moodlemanage.skolier.com; img-src 'self' https://moodlemanage.skolier.com"
```

[Download sample file](#)

Install plugins

Moodle Teams Management requires a set of Moodle plugins to be installed, enabled and configured in order to work as intended. Here is a list of plugins that will be informed about the configurations of these plugins at a later stage.

- Web services (REST protocol)**
This plugin "webservice_rest" needs to be installed in Moodle, but that should be installed and enabled by default in Moodle.

REST protocol	2018111800	Enabled	Required by: tool_mobile
webservice_rest			

- OpenID Connect**
Microsoft Teams is an Office 365 product, so users need to log in to Moodle by using their school or organization Azure AD (Office 365) accounts.

OpenID Connect	3.7.0.4	Disabled	Settings	Additional
auth_azure	2019052004			Required by: local_o365

- Microsoft Office 365 Integration**
This plugin will ensure that user details are synced from Azure AD to Moodle at a regular basis.

Microsoft Office 365 integration	3.7.0.4		Uninstall	Additional
local_o365	2019052004			

- WebHooks**
This plugin sends notifications to Moodle Teams Management so it will appear in Teams.

WebHooks	3.0.3 (Built: 2019021700)		Uninstall	Additional
local_webhooks	2018061920			

See your setup progress and manage Admins

Setup Management

This is where you set up your Moodle installation with your Office 365.

Setup progress

Office 365 Administrator <ul style="list-style-type: none">Enter organization details RequiredGrant permissions in Azure AD RequiredManage administrators Recommended	Current steps in Moodle <p>For the following operations, you need to be a Moodle Site Administrator or have that person with you.</p> Set Moodle service user <p>The Moodle installation does not have service user details set.</p> <p>Create a service user and a token in Moodle.</p> <p>Click here to read more</p>
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○ Completed ○ Current step ○ Not completed ○ Error

Office 365 Tenant

Organization Test admin app Organization options

Tenant id

Tenant name

Moodle Installations

Site name	Not set	Create OpenID App	Show WebHook details	Edit details
Key				
Web address				
iFrame supported?	No [show me]			
OIDC enabled?	Yes			

Manage Administrators

[+ Add Administrator](#)

DT	Dag Torp dt@skooler.com	Retract
DL	David Langridge dl@skooler.com	Retract
ME	Martin Ellegård me@skooler.com	Retract
MM	Mats Magnem mm@skooler.com	Retract
RA	Robin Andersen ra@skooler.com	Retract
TOH	Tor Ove Henriksen toh@skooler.com	Retract

Note that retracting Administrator roles will not delete the user, only removing the Administrator role. The changes will be in effect the next time the user signs in.

We match users – don't modify them

Owner's Dashboard Customers Organization Personal

User Matching

Summary List users Sync history

User summary

Number of Azure users	268
Number of Moodle users	105

Sync summary

Last sync date	06/30/2020 4:00 AM	Completed
Next sync date	07/01/2020 4:00 AM	
Match Azure user field	userPrincipalName	
Match Moodle user field	username	

[Sync Configuration](#) [+ Start User Match](#)

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User Matching

Summary List users Sync history

Filter on state: Any state Search by text: Search

Moodle users are automatically mapped based on values in Azure AD and Moodle, and synced every night at 4 AM local time. Moodle Teams Management need those matches to reflect the correct course members as member to the respective teams.

Number of users found : 269

a	admin@paragallo.com arid@lindelfaten.com	UserPrincipalName (UPN) admin_paragallo.com#EXT#@avantador.no	Moodle Id Not linked to Moodle
AJ	Adrian Jønvåg aj@skooler.com	UserPrincipalName (UPN) aj@skooler.com	Moodle Id #12
AS	Adrian Solis aosolis@microsoft.com	UserPrincipalName (UPN) aosolis_microsoft.com#EXT#@virtualalliance.onmicrosoft.com	Moodle Id Not linked to Moodle
AZ	Afzal Zahid zahid.afzal@techdata.com	UserPrincipalName (UPN) zahid.afzal_techdata.com#EXT#@virtualalliance.onmicrosoft.com	Moodle Id Not linked to Moodle
AR	Alban Ramadani ar@skooler.com	UserPrincipalName (UPN) ar@skooler.com	Moodle Id #26

After successful installation: Batch team creator

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Batch Team Creator

- Setup Management
- Administrators
- User Matching
- Batch Team Creator

From here, you can create teams for the whole organization, based on the Moodle courses.

Summary Link Existing Teams Create Teams Status Queue

Organization summary

Number of Teams	73
Teams linked to Moodle	None of your teams seems to be linked to a Moodle course Click here to see if you have some matches.
Number of Templates	2

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Batch Team Creator

From here, you can create teams for the whole organization, based on the Moodle courses.

Summary Template

Change Team template

Template name: demo 123 Prefix: Used in mail/ickname etc

Description: Write some descriptive words about this template.

Member settings

- Members can create and update channels
- Members can delete channels
- Members can add and remove apps
- Members can fully manage tabs
- Members can fully manage connectors

Messaging settings

- Allow users to edit messages
- Allow users to delete messages
- Allow owners to delete messages
- Allow Team mentions
- Allow Channel mentions

Guest settings

- Guests can create and update channels
- Guests can delete channels

Fun setting options

- Allow giphy
- Allow stickers and memes
- Allow custom memes

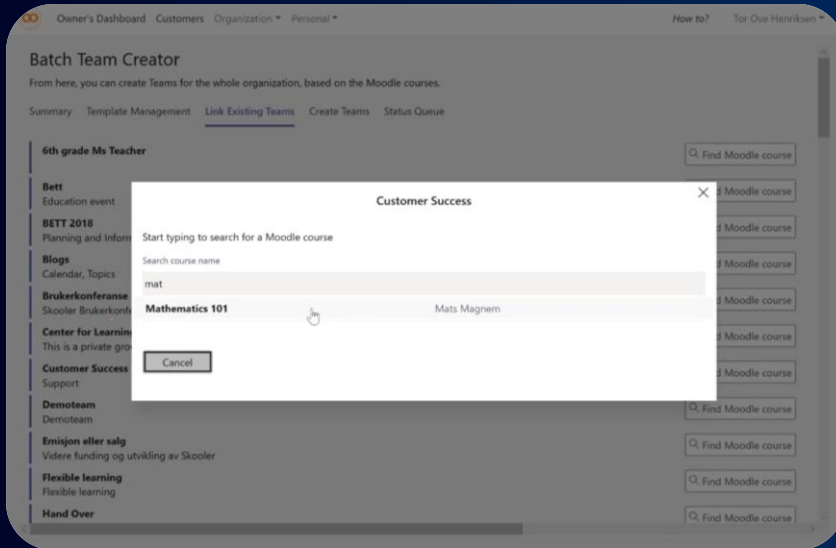
Other settings

- Set co-teachers as owners
- Create course details Channel
- Create Channels from course Topics

Please note that these settings may be overridden by system or organization defaults or policies.

Save template Cancel

Batch team creator: Link existing and create new



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Batch Team Creator

From here, you can create Teams for the whole organization, based on the Moodle courses.

Summary Template Management Link Existing Teams Create Teams Status Queue

6th grade Ms Teacher Find Moodle course

Customer Success

Start typing to search for a Moodle course

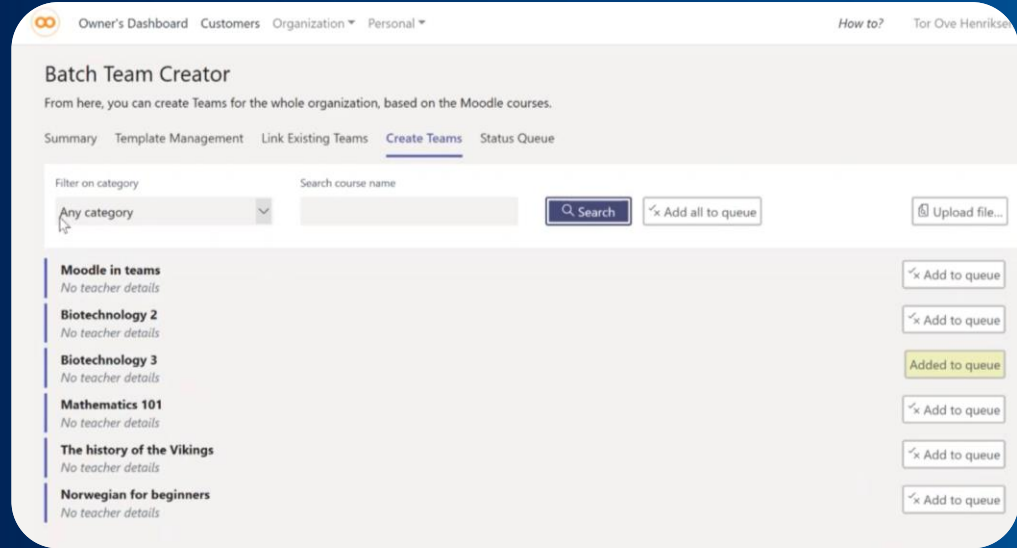
Search course name

mat

Mathematics 101 Mats Magnem

Cancel

Education event
BETT 2018
Blogs
Brukerkonferanse
Center for Learning
Customer Success
Demoteam
Emisjon eller salg
Flexible learning
Hand Over



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Batch Team Creator

From here, you can create Teams for the whole organization, based on the Moodle courses.

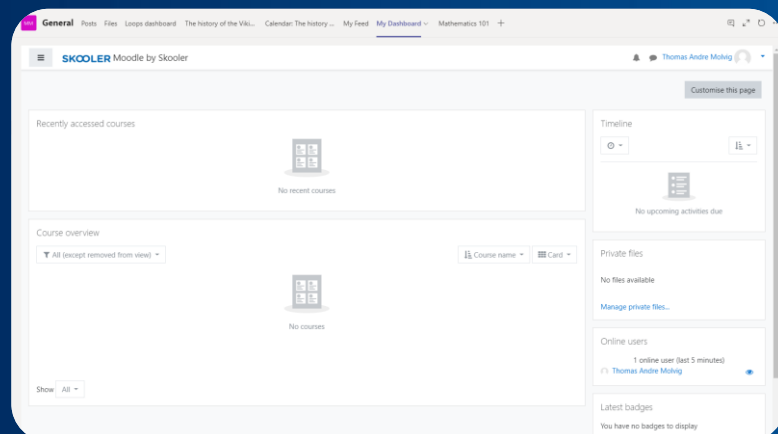
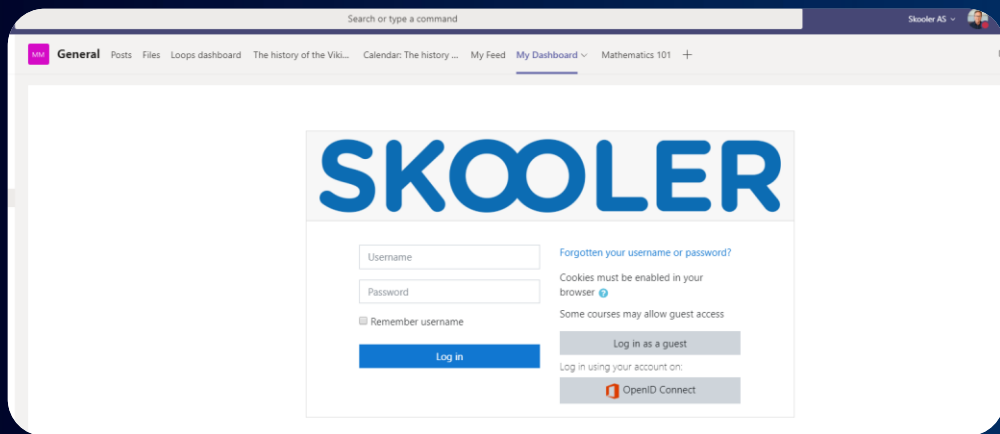
Summary Template Management Link Existing Teams Create Teams Status Queue

Filter on category Search course name

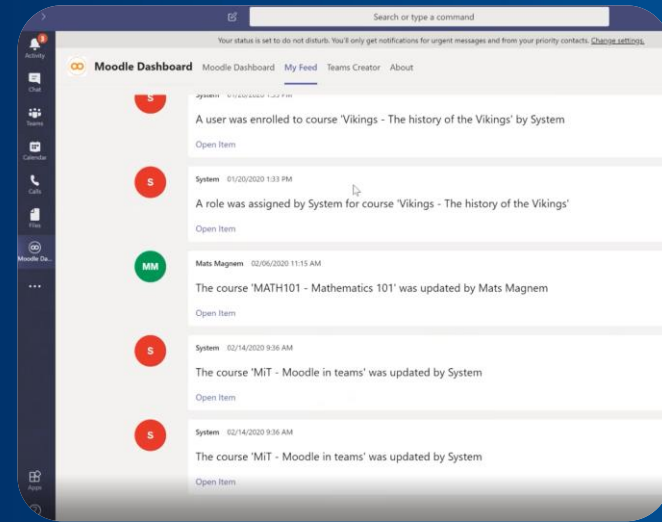
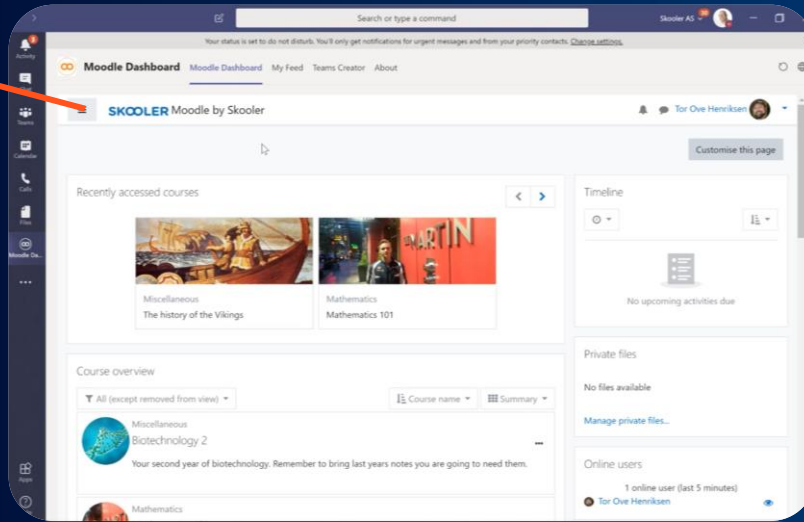
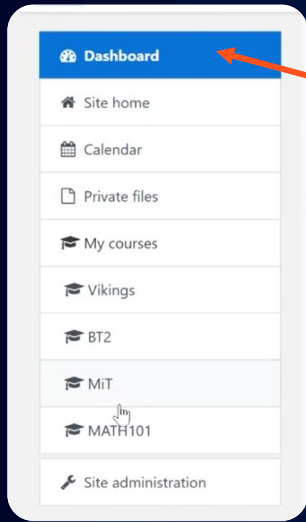
Any category Search Add all to queue Upload file...

- Moodle in teams**
No teacher details Add to queue
- Biotechnology 2**
No teacher details Add to queue
- Biotechnology 3**
No teacher details Added to queue
- Mathematics 101**
No teacher details Add to queue
- The history of the Vikings**
No teacher details Add to queue
- Norwegian for beginners**
No teacher details Add to queue

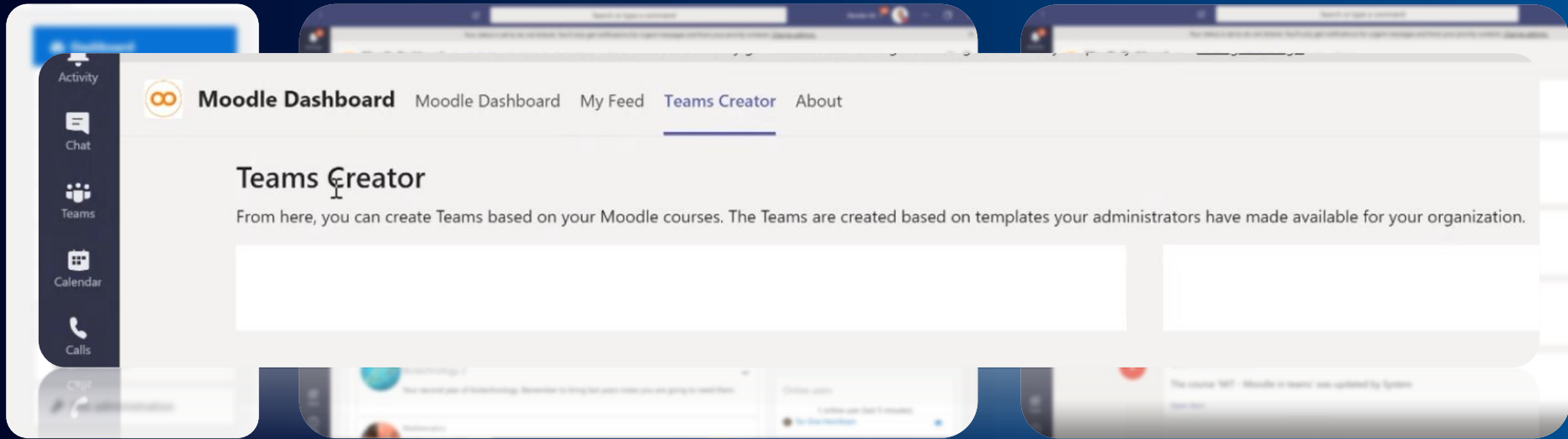
Single sign-on with OpenID Connect support



Your Moodle content is presented in Teams



Find your Moodle courses and add them to Teams



See your courses' content (topics, tests etc.)

General Posts Files The history of the Vik... 1 more +

Miscellaneous
Vikings - The history of the Vikings
[Open in Moodle](#)

Course Information Participants

Course ends
01/19/2021 5:00 AM

General
Topic elements: 1

Vikings - origin

- Where did the Vikings originate from?
- Vikings - the battle
- Vikings in battle
- Summary
- The Viking test

The Ships
Topic elements: 1

General Posts Files The history of the Vik... 1 more +

← Go back

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The history of the Vikings
[Dashboard](#) / [My courses](#) / [Vikings](#) / [Vikings - origin](#) / [The Viking test](#)

The Viking test

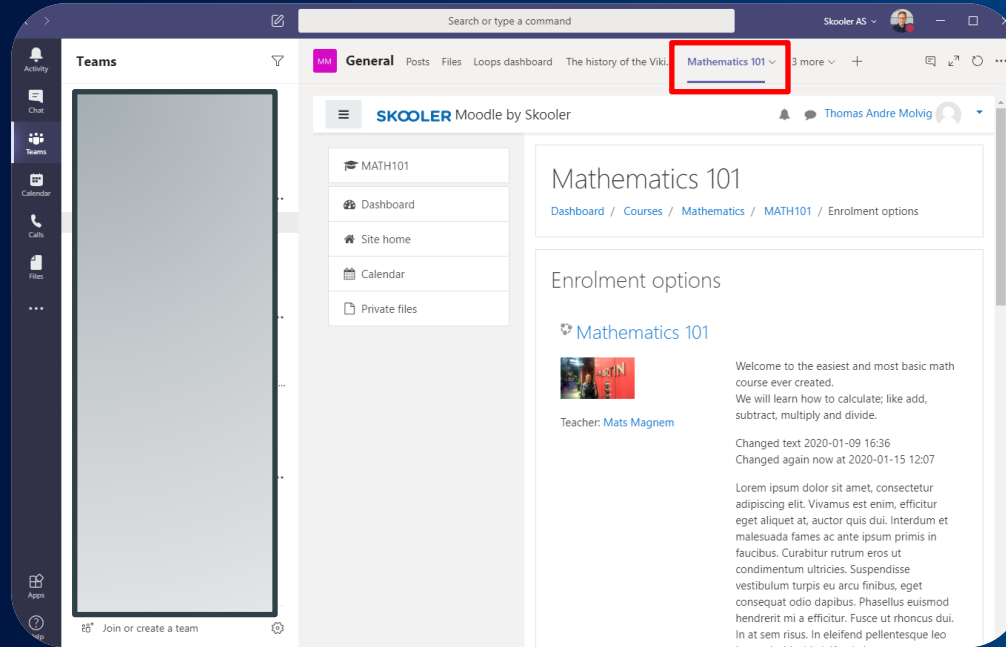
Answer this fact questions about the vikings!

Attempts allowed: 5
Grading method: Highest grade

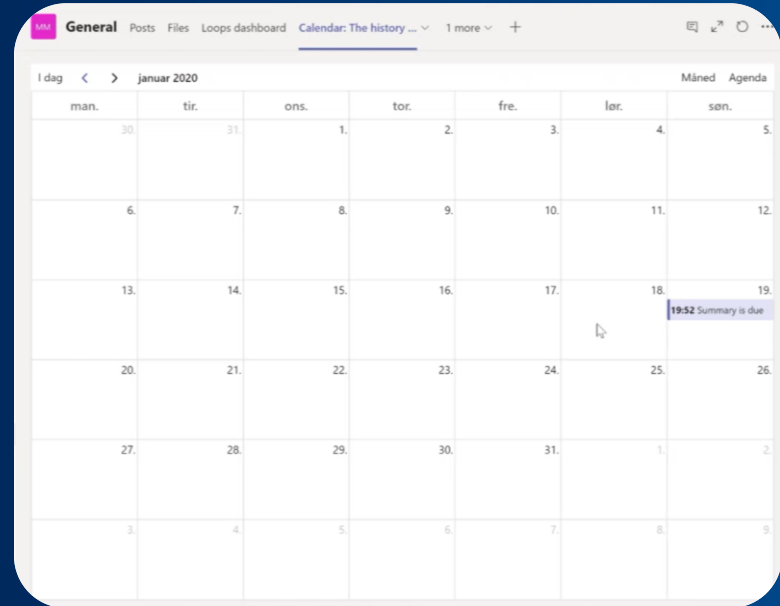
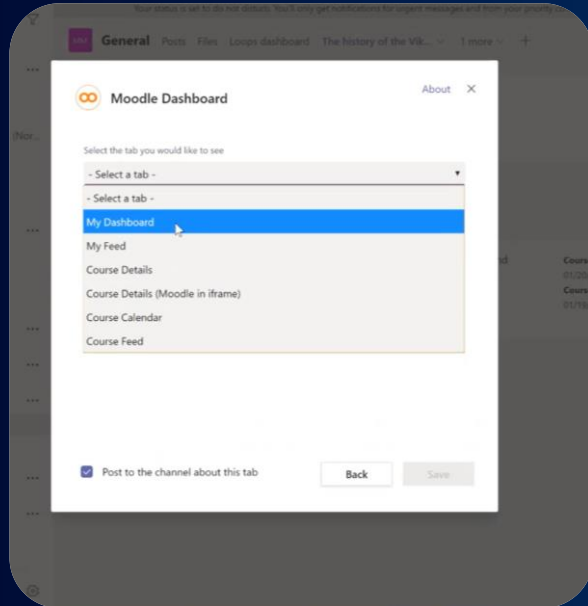
Summary of your previous attempts

Attempt	State	Review
1	In progress	

Access course from a tab: Mathematics 101



Add and customize tabs for easy access



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<https://bit.ly/3nSRNOj>



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post@skooler.com

<https://skooler.com/moodle-by-skooler/>

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