Blackboard Integration and Syncing Grades

Track students’ scores and question data, and import into Blackboard.
Uploading Grades

Using the SYNC Function
• Cumulative scores only
• Students connect account through a Blackboard link
• ABC123’s are less important

Individual Grades/Assignments
• Individual columns
• Students DON’T need to connect account through Blackboard link
• Students MUST put their ABC123 correctly in the “student ID” field to upload without errors.
Create the iClicker Cloud (REEF) association Link in Blackboard.

Select your iClicker Cloud course and open the course settings by clicking the **Edit** button on your iClicker Cloud Instructor dashboard or click the **gear icon** in the side panel.
The following window will appear:

- Select the “Grade Sync” tab on the side panel to sync with you LMS
- Click
Next: You will be redirected to the Reef website for your course. Select Settings in the left-hand menu options.
• Select Grade Sync
• Select “on” for Grade Sync Integration
• In the drop down menu select Blackboard
• Choose Simple LTI 1.1 Grade Sync
• Click “Next”
• Copy Course-specific LTI link

This link is unique for each iClicker Cloud course. You need to follow these directions for each course you are teaching and paste the specific link into your corresponding Blackboard course.

• Open your Blackboard course home page
Next: Complete the **Web Link Information** section

- **Name:** iClicker REEF *(recommended)*
- **URL:** (paste the URL copied from your iClicker Cloud course settings)
- **This link is to a Tool Provider:** selected
- **Enable Evaluation:** Yes
- **Points Possible:** *(total points all iClicker REEF sessions will be worth in your course)*
- **Complete the Description section (optional)**
  - Click this link to launch a special instance of iClicker REEF, then log in or create a new iClicker REEF account if you don’t already have one. Signing into iClicker REEF through this link will allow me to synchronize your iClicker REEF scores with this Blackboard course.

**IMPORTANT:** Do not include any line breaks in the **Description** section; this will cause the link to break. A known Blackboard issue.

- Click **Submit** to complete tool set-up for your course
An iClicker REEF icon will now appear on the home page of the content section of your Blackboard course.

Direct your students to use the iClicker REEF-association link.

Students need to sign in to their Blackboard course and use the link you created to sign in to their iClicker REEF account or create a new account if they don’t already have one.

- Using the Blackboard link automatically adds your course to the student’s account; the student won’t have to search for your course to join it.

- Students only need to use the iClicker REEF-association link once to allow you to sync their score. Once the association is made, students may choose to go directly to the iClicker REEF website or use the mobile app to use iClicker REEF.

- Returning students choosing to use the iClicker REEF-association link in Blackboard will be automatically logged into iClicker REEF through single sign-on (SSO) and taken directly to your iClicker REEF course page.
iClicker Cloud Grade Sync with Blackboard

- Access your iClicker Cloud Instructor account and click **Launch Gradebook** to synchronize your scores.
NEXT: You’ll be directed to your online gradebook. Click **Sync Grades**. This will sync them to Blackboard.

The green indicator dot next to a student's name in the Sync Connection column indicates the student has used the iClicker REEF-association link you created within Blackboard.
NEXT: Once you Sync Grades, it will give you the last date of the last synchronization of the scores to Blackboard

The **Total** column of the student gradebook is the one that will be synced to Blackboard.
To see the iClicker REEF column in Blackboard, login to your course & click on “Full Grade Center” on the side toolbar. You can sort your columns as needed to see the synced total grades from your Instructor iClicker Cloud account.
How scores sync to Blackboard

- iClicker Cloud score totals are synced to Blackboard as percentages normalized to the points you defined in Blackboard. While points in iClicker Cloud are built up from zero, the scores in Blackboard start at the maximum number of points and are updated every time a sync is performed.

EXAMPLE: Halfway through the term, an instructor has run 20 polling sessions worth a total of 160 points. In Blackboard, the instructor defined the iClicker REEF column grade item to be worth 50 points for their course. A student with an iClicker Cloud score of 120 points will show a Blackboard score of 37.5 points when syncing scores.

- iClicker Cloud: \( \frac{120 \text{ pts earned}}{160 \text{ pts possible}} = 0.75 \)

- LMS: \( (0.75)(50 \text{ pts possible}) = 37.5 \text{ pts earned} \)
Even though the percentage shown in iClicker Cloud is shown as an integer, the synchronized percentage retains greater precision so that the Blackboard score is converted accurately.

EXAMPLE: After the first week of class, an instructor has run sessions worth a total of 6 points. In Blackboard, the instructor defined the iClicker REEF column grade item to be worth 100 points for their course. A student with an iClicker REEF score of 5 points will show an iClicker Cloud percentage of 83%, but the conversion in Blackboard displays 83.33.

- iClicker Cloud: \( \frac{5 \text{ pts earned}}{6 \text{ pts possible}} = 0.8333 \) or 83% when rounded
- LMS: \( (0.8333)(100 \text{ pts possible}) = 83.33 \text{ pts earned} \)
**Note:** Whenever you sync your scores from iClicker Cloud to Blackboard, you also send an email reminder to any student who has not yet used the iClicker REEF-association link you created in Blackboard. You can turn off this feature in the Grade Sync tab of your iClicker Cloud Instructor course settings by unchecking the box.
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