



## **MATH 180 Release Notes**

### **Introduction**

This document outlines the changes in *MATH 180* 2020-2021 releases. For the latest information about product updates, tips, and techniques, visit the HMH Product Support website at [hmhco.com/math180/productsupport](http://hmhco.com/math180/productsupport).

### **May 14, 2021**

Course I version 3.4.0-63

Course II version 3.4.0-74

#### **New Features**

- All mTool tutorials and Learn Zone mVideos now have closed captioning.

#### **Updates**

- Improvements to the number line problems in the Success Zone.
- Resolved an issue in the Success Zone that caused the same video to play in each topic in a block.
- Resolved an issue that kept closed captioning from working in the mTools Decimal Grid tutorial.
- Resolved an issue that caused students to get an error message when launching an mSkills test.
- Corrected an incorrect voiceover in the Learn Zone.
- Resolved an issue that caused SAM Central to time out when teachers are working in the Interactive Whiteboard tools for an extended period of time.
- Resolved an issue that caused the wrong answer to be displayed in the Course II Learn Zone.
- Resolved an issue that caused the wrong answer to be accepted in Course II Block 8 Topic 3 Lesson 2.
- Resolved an issue that caused the wrong voiceover to play in the Course II Learn Zone Master step.

### **April 30, 2021**

Course I version 3.4.0-58

Course II version 3.4.0-73

#### **New Feature**

- Added Jetpack Outback game to the Brain Arcade.
- Timer function added to the Interactive Whiteboard tools.



## **Updates**

- Resolved an issue that caused students to revert to their last correct response in the Success Zone during periods of low bandwidth.
- Resolved an issue that allowed users to replay Success Zone.
- Resolved an issue that kept the Undo and Erase All buttons from performing their proper tasks in the Interactive Whiteboard.

## **April 23, 2021**

Course I version 3.4.0-58

Course II version 3.4.0-73

## **Updates**

- Audio improvements and updates.
- Resolved an issue for teachers accessing the Learn Zone in the Teacher Version of the Student Software.
- Corrected the order of question in the Master step of the Learn Zone.

## **April 16, 2021**

Course I version 3.4.0-55

Course II version 3.4.0-68

## **Updates**

- Resolved an issue that was causing CSV exports to fail.

## **April 9, 2021**

Course I version 3.4.0-54

Course II version 3.4.0-57

## **Updates**

- Resolved an issue that caused students to skip topics and blocks.
- Resolved an issue that kept feedback from playing and **Go On** button from enabling after students entered a correct answer.
- Visual improvements to My Example screens.
- Resolved an issue that caused an error after clicking the **Fast Track** button from within the Learn Zone.



- Resolved an issue that caused an error when launching an mSkills test.
- Resolved an issue that caused the timeout warning to respond incorrectly.
- Resolved an issue that incorrect Problems Attempted and Problems Correct scores in the Course I Learn Zone and in Course II.
- Resolved voice over issues in the Master step of the Learn Zone in Course I and Course II and Course II Block 1 Topic 1 Lesson 1.

## **March 19, 2021**

Course I version 3.4.0-42

Course II version 3.4.0-57

### **New Feature**

- Added Jelly Drop game to the Brain Arcade.

### **Updates**

- Resolved an issue in Course II Block 8 mSkills where a correct answer was being marked incorrect.
- Improved performance of CSV exports containing *MATH 180* data.

## **March 5, 2021**

Course I version 3.4.0-40

Course II version 3.4.0-54

### **Updates**

- Resolved an issue in Course I Block 9 Topic 1 Lesson 1 where the student could not select the correct answer from the number line.
- Resolved an issue in Course I Block 4 Topic 2 Lesson 5 where students were not able to add a fraction greater than 1 due to number line length.
- Resolved an issue in Course II Block 9 Topic 1 Lesson 2 where it would not accept a correct answer.

## **February 26, 2021**

Course I version 3.4.0-39

Course II version 3.4.0-53

### **New Feature**

- Added Sea Level game to the Brain Arcade.



## **Updates**

- Visual improvement to the mTool number line in the Interactive Whiteboard Tools.
- Visual improvements to Step 3 of the Course I Learn Zone, Course I Block 5 Topic 1, and Course I Block 9 Topic 1.
- Resolved an issue that caused a correct answer to be scored as incorrect in the Course II Learn Zone.
- Resolved an issue that caused an incorrect answer to appear as correct in the Course II Learn Zone.

## **February 12, 2021**

Course I version 3.4.0-36

Course II version 3.4.0-49

## **Updates**

- Resolved an issue that kept students from being able to modify a graph answer after receiving corrective feedback in Course I.
- Resolved a user experience issue in the Course I Learn Zone in which entry fields in some objectives on small screens were obscured by the item stem or mTool.
- Resolved an issue that caused students to lose work in Fast Track or the Learn Zone in Course I after clicking the Home button.
- Resolved an issue that kept the Home button from displaying in the Course I Learn Zone after completing a lesson and while the voice-over is playing when using *MATH 180* on an iPad with Safari.
- Resolved an issue that kept points from being plottable in graph questions in Course I.
- Resolved an issue that caused a small reload loop in the Course I Learn Zone.
- Visual improvements to multiple topics in Course II.
- Resolved an issue that caused students to get blocked after an incorrect answer and before the voice-over plays in Course II.
- Modifications to Course II Block 6 Topic 3 to correct content issue.
- Resolved an issue that caused the voice over and feedback voice over to overlap in the Learn Zone Practice section when using *MATH 180* Course II on an iPad with Safari.
- Resolved an issue that caused a number line to not show all decimal points in Course II Block 4 Topic 2 Lesson 1.



## **February 5, 2021**

Teacher View of Student Software version 1.0.0-202

### **New Feature**

- Teachers may now view mSkills tests in the Teacher View of Student Software.

### **Update**

- Improvements to the mTools function table in Course II.

## **January 29, 2021**

Course I Version 3.4.0-31

Course II Version 3.4.0-41

### **Updates**

- Resolved an issue that kept students from correcting an answer after corrective feedback in the Learn Zone in Course I and Course II.
- Resolved issues in Fast Track and the Learn Zone Master section of Course I and Course II that kept students from advancing to the next question after entering an incorrect answer.
- Resolved an issue that kept SAM Central from showing all mSkills Class Analytics questions for Course I Blocks 1 and 2.
- Resolved an issue that kept students from moving from Step 2 to Step 3 in Course I Block 9 Topic 2 Lesson 2 Learn Zone Master section.
- Visual improvements to the slider in Course I Block 2 Topic 2 Lesson 2.
- Resolved an issue that caused a misconfiguration of problem sets in Course I Block 7 Learn Zone.
- Restored missing student data columns in the Course II CSV export.

## **January 22, 2021**

Course I Version 3.4.0-27

Course II Version 3.4.0-38

### **Updates**

- Resolved an issue that caused the graph mTool to fall out of sync with the motion model in Course II Block 1 Topic 1 Lesson 3.
- Resolved an issue that caused the CSV export to fail when *MATH 180* data was included.
- Resolved an issue that caused no grade to appear for questions 15 & 16 of Block 2 mSkills assessment.



- Resolved an issue with the Sea Level game in the Brain Arcade where the same game was showing after students clicked the Replay button.
- Resolved an issue that kept data from being saved when a student switched to Fast Track while in the Learn Zone.
- Visual improvements to the Motion Model.
- Mixed numbers now appear aligned correctly in the Fast Track activity.
- Resolved an issue in the Course I Block 4 Topic 3 Lesson 3 Learn Zone Master step question 4 which caused the question to revert to its pre-Step 1 view after clicking Reset in Step 2.
- Visual improvements to the prompt field when using *MATH 180* on Microsoft Edge.
- Brain Arcade now load successfully when using *MATH 180* on Mac OS 11 (Big Sur).
- Resolved an issue in the Course II Baseline Scan where the proposed action did not match the performance score.
- Resolved audio issues in the Course II Learn Zone voice over.
- Resolved an issue that kept students from being able to plot on a graph in the Course II Block 8 Topic 3 Lesson 2 Learn Zone.
- Corrected an incorrect video in Course II Topic 1 mSkills.
- Resolved a visual issue where an extra space preceded the percent (%) mark.
- Visual improvements to the mTool graph and table tools.
- Resolved an issue that caused corrective feedback to appear in the graph mTool.
- Visual improvements to the Course II Block 4 Topic 3 Lesson 2 Learn Zone and the Course II Block 1 Topic Lesson 2 Try question in the Learn Zone.
- Resolved an issue that caused input boxes to be blocked by corrective feedback in the Course II Learn Zone.
- Resolved an issue that caused a blank feedback modal in Course II Block 5 Topic 1 Lesson 1 Try question in the Learn Zone when running *MATH 180* in Safari or on an iPad.
- Resolved visual issues with line breaks in input boxes in Course II.
- Resolved visual issues with graphs in Course II Block 1 Topic 1 Lesson 2.



## **January 8, 2021**

Course I Version 3.4.0-19

Course II Version 3.4.0-21

### **Updates**

- Resolved an issue that caused the wrong corrective feedback to play in Course I and Course II Learn Zone activities.
- Resolved an issue that caused fractions to be added incorrectly in Course I.
- Visual improvements to fraction pieces.
- Resolved an issue that caused some students to get stuck in the Course II Learn Zone.

## **December 18, 2020**

Course I Version 3.4.0-16

Course II Version 3.4.0-18

### **Updates**

- Resolved an issue that caused an error when a non-whole number was used as a denominator.
- Resolved issues in Course I and Course II that caused *mSkills* problems with multiple items from displaying as expected.
- Improvements to the Course I Fraction Pieces mTool for students and teachers.
- Resolved an issue in Course I that kept teachers from being able add multiple rows in the Bar Model in the Guided Practice.
- Resolved an issue in Course II Block 2 *mSkills* Test where Questions 15-16 were accepting an incorrect answer.
- Resolved an issue that caused Course II interactive table problems on the *mSkills* test to be marked correct when answers were correct but in the wrong order.
- Resolved an issue in the Course II Learn Zone where inaccurate corrective feedback was being played.
- Resolved a corrective feedback error in Course II Learn Zone Step 3.
- Resolved an issue in Course II where students were receiving an error message when entering the Learn Zone.
- Resolved an issue in Course II Block 6, Topic 3, Lesson 2 that kept students from entering a correct answer in the Learn Zone.
- Resolved an issue in in Course II Block 5 Topic 2 Lesson 2 and Block 6 Topic 3 Lesson 2 where inaccurate corrective feedback is being played.



## **December 11, 2020**

Course I Version 3.3.0-309

Course II Version 3.3.0-286

### **Updates**

- Resolved an issue that caused a 500 error in SAM Central when accessing mSkills data on the Zone Progress report.
- Resolved an incorrect audio feedback issue in *MATH 180* Course II.
- Resolved an issue that caused a blank screen when starting an mSkills assessment in the legacy version of *MATH 180* then returning to it in the current version.
- Disabled the teacher view of the *MATH 180* Brain Arcade in SAM Central.
- Resolved an issue that caused a misplaced input box in Step 4 of the Learn Zone.
- Resolved an issue where some students were receiving an error message when entering the Learn Zone.

## **December 4, 2020**

Course I Version 3.3.0-304

Course II Version 3.3.0-282

### **Updates**

- Resolved an issue that caused teachers to receive a 403 error when accessing the Interactive Whiteboard tools in Course II
- Resolved an issue that caused students to get stuck in the Course II Block 1 Topic 3 Success Zone.
- Resolved an issue that kept denominators from being visible when running Course II on Google Chrome.
- Resolved visual issues in the Course II Learn Zone and Success Zone.

## **November 20, 2020**

### **Updates**

- *MATH 180* Course I and Course II are now available in HTML5. Flash versions have been discontinued.



## **August 7, 2020**

Course I Version 3.1.0-4

Course II Version 3.1.0-11

### **Updates**

- Resolved an issue that kept teachers from accessing *MATH 180* Program Settings when using the Interchangeable Math Licenses.
- Resolved an issue that kept teachers using Interchangeable Math Licenses from accessing the Interactive Whiteboard or Teacher View of Student Software in SAM Central.

## **July 24, 2020**

Version 3.1.0-9

### **New Feature**

- Interchangeable Math Licenses enabled; allow student licenses to be switched between *MATH 180* Course I & II.

### **Updates**

- Visual improvements to the Sushi Monster Brain Arcade game.