

Overview

After students pass Achievement Index 600 in Waterford Math and Science, they are directed to enter their numerical answer using the keypad. With this classroom lesson, you can introduce your own computer equipment. Consider teaching this lesson in place of a Waterford session after students have been working on Waterford for a few weeks.

Student Learning Targets

1. I can enter single and double-digit numbers by pressing number keys and the enter key.
2. I can fix an incorrect entry by pressing backspace or delete.

Preparation

1. Create a demonstration student. In **Courses**, add Math and Science. In **Custom Assignments**, add the following Math activities. (Review how to create custom assignments here: <http://wel-help.waterfordearlylearning.org/students/adding-custom-assignments/>)
 - Keypad (1, 2, 3) EP
 - Keypad (0, Delete, Backspace) Assessment (Collect cans)
 - Count to 31 Song (*Note: This is a reward for completing the other two*)
2. Prepare to project the Keyboard that best represents your equipment:
 - Chromebook keyboard: <http://goo.gl/2JAPtT>
 - Apple keyboard: <http://goo.gl/hljs1S>
 - Standard PC keyboard: <http://goo.gl/962Eyh>

Procedure

Instruction

Find the Number Keys

On your interactive whiteboard or LCD projector, project the correct image of a keyboard.

Direct students to look for the number keys. Practice calling out a number and having students come to the front and point to that key.

Find the Enter/Return Key

Direct students to look for the Enter/Return key. Explain that the enter key tells the computer that this is your final answer.

Practice calling out a single-digit number and having students come to the front and point to the key followed by Enter/Return.

Find the Backspace/Delete Key

Remind students that sometimes we make a mistake and we need to erase it. Direct students to look for the backspace or delete key. Explain that this key is like an eraser.

Group Practice

1. Show students the real keyboard they will use for the activities. Demonstrate how the keys are in the same position as they were on the keyboard picture.
2. With the whole group, log into the Student App as your demonstration student.
3. Use the custom assignment to practice entering numbers on the keyboard with the whole group.
 - In the first activity, emphasize the Enter Key.
 - In the second activity, demonstrate double digits and Backspace/Delete.
 - Sing along to the song as a reward for completing the first two activities

**If numbers are not entering from the keyboard, click in the activity window and then try entering the number again.*

Alternate Group Practice

If you have Classroom Advantage, you can download and import this Playlist with the same three activities as specified above:

<https://waterfordinstitute.box.com/NumberKeyPractice>

Individual Practice

Consider creating the custom assignment for your entire class. Student will complete the three activities at the beginning of their next session and then seamlessly continue with their own personalized sequence.