

# Daily Knowledge Boost with Kids Academy: Place Value for Grade 2

[www.kidsacademy.mobi](http://www.kidsacademy.mobi)

As students progress through the grades, math concepts begin to get more complex. Understanding place value helps children in 2nd grade as it is a foundation to number sense and math operations. When a child truly understands the values of a number in depth, they will be able to do the more complex problems and will gain the skills to be confident in their math studies.

Today's daily knowledge boost will give children an opportunity to explore the place value of ones, tens, and hundreds as well as a slightly more challenging topic of expanded formation.

## Lesson 1: Understanding Place Value Ones and Tens

In this lesson children will be introduced to the place values of ones and tens and start dissecting the value of each number. Students will have the opportunity to start seeing numbers as parts with values rather than a whole.



The screenshot shows the Kids Academy app interface for a Grade 2 Math lesson. At the top, a notification says "2/3 Well done! Add more activities or press 'Start Classroom' to get your Classroom code." Below this, a teacher character stands next to a green chalkboard that displays "Grade 2 MATH" and a "START CLASSROOM" button. The interface includes a navigation bar with lesson progress indicators for 1st through 6th grade. Below the navigation bar, there are five activity cards: a video titled "Place Value: Ones and Tens" (52 min), a worksheet with a grid of numbers (55, 50, 73, 72, 77, 46, 50, 48), a worksheet with place value columns (Tens, Ones) and numbers (10, 15, 19, 10, 8, 12, 16), a worksheet with various math symbols and icons, and a quiz titled "Pick the number that matches the number of tens and cubes" with options 23, 42, and 24. A large plus sign button is visible on the right side of the interface.

[Click on the image to open the interactive Classroom!](#)

#### Activity Overview:

- Place Value: Ones and Tens: Start off with a fun video that gives an explanation about the values of the ones and tens value place.
- Transportation Math Printable: Give your student a challenge within place value, with this worksheet involving different types of transportation.
- Tens and Ones Worksheet: Students will count the blocks and identify their total.
- Property Place Value Worksheet: This colorful worksheet will have children identify whether the underlined number is in the ones, or tens spot.
- The Value of Numbers in the Tens and Ones Place-Quiz: Asses what your child's ability to identify numbers in the ones and tens place.

#### Brain Break

It is always important to give a child an opportunity to step away from an activity that may be challenging or new. To maximize this time include an activity that incorporates the topic you are exploring. This fun song continues the exploration with giving an opportunity to sing along!

Watch on [YouTube](#)

## Lesson 2: Understanding Place Value— Hundreds Only

In this lesson children will now take a look at the value of the hundreds place. Not only will children learn to identify and understand the value of the hundreds place but also how it interacts with the tens and ones places to form larger numbers.



[Click on the image to open the interactive Classroom!](#)

### Activity Overview:

- Place Value: Hundreds: This video is a fun start to looking at the hundreds place.
- Base Ten Blocks: Hundreds Worksheet: Children will count the blocks and answer which numbers that match the base 10 blocks shown.
- Cargo Matchup: Hundreds Worksheet: Challenge your child to count in hundreds as they match each car with the correct amount of cargo.
- Hundreds Puzzle Worksheet: Practice identifying the value of the hundreds place with this puzzle matching worksheets.
- Place Value: Ones, Tens, Hundreds—Quiz: Assess the students ability to identify place value with this quiz.

### Brain Break

Another fun song to keep students engaged while still keeping focus on place value.



Watch on [YouTube](#)

## Lesson 3: Understanding Place Value Ones, Tens and Hundreds

Now students have the opportunity to have a more in depth look at the place values together. Students will practice with base tens blocks, and identify with three digit numbers.

A screenshot of a classroom interface for Grade 2 Math. A teacher character is on the left. A green chalkboard in the center says "Grade 2 MATH" and "START CLASSROOM". A notification at the top says "2/3 Well done! Add more activities or press 'Start Classroom' to get your Classroom code." At the bottom, there are four activity cards labeled "1st", "2nd", "3rd", and "4th" with a timer of 9:00 min. The first three cards show "Worksheet" with base ten blocks and numbers. The fourth card has a plus sign.

[Click on the image to open the interactive Classroom!](#)

Activity Overview:

- Base Ten Blocks Worksheet: Children will view the base ten blocks on the page and count and circle the correct value.
- Place Value Printable Worksheets: This colorful worksheet has children reading the numbers in the ones, tens, and hundreds place and match to the correct number.
- Place Value Worksheet: This fun bowling worksheet explores the value of an individual number by matching the correct values.

### Brain Break

Students will dance and sing to this fun place's value song to wrap up.



Watch on [YouTube](#)

Exploring concepts within place value students will gain a deeper understanding of numbers. Having these skills will enable students to handle more complex topics as they grow. These lessons help build critical number sense and foster a curiosity and passion for math.

Do you have a learner who is more independent? While these lessons are designed for guided learning, check out our [Talented and Gifted Online web app](#) for more independent activities. This resource offers a variety of enriching activities tailored for advanced learners, ensuring they remain challenged and engaged!