

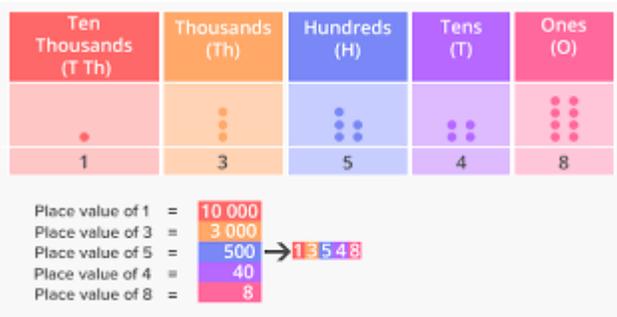
## 2<sup>nd</sup> Grade Place Value

### Learning Objectives

- I will identify personal health decisions and health habits that influence health and wellness throughout life, including participating in physical activity within my academic classroom. (VA H2.2)
- I will read, write, and identify the place and value of each digit in a three-digit numeral, without models.

### Teacher Notes

- In math, every digit in a number has a place value. Place value can be defined as the value represented by a digit in a number on the basis of its position in the number.
- Ex:



### Lesson Steps

#### Step 1 (Engage learners/access prior knowledge)

- Write the number 235 on the board and have a student read the number aloud.
- Underline the 5 and ask for students to identify the place and the value of that number (ones place, 5)
- Underline the 3 and ask for students to identify the place and the value of that number (tens, 30)
- Finally underline the 2 and ask for students to identify the place and value of that number (hundreds, 200)
- Explain to students that they will be practicing place value in today's lesson, but will also be participating in exercising during this time.
- Remind students that participating in physical activity throughout their day can help their cardiorespiratory, skeletal, and muscular systems, as well as reduce stress and provide much needed blood flow and oxygen to their brains to enhance their focus and learning.

#### Step 2 Directions

- Scatter number cards on one side of the room.



- Give each student a worksheet.
- On the teacher's go signal, students will travel to the other side of the room to collect a number card and bring it back to their desk. You may call on different groups of students to retrieve cards at different times to begin.
- Students will write the number on the number card onto their recording sheet, including underlining the number that is underlined on the card
- Students will then write the place of the underlined digit, and its value on the recording sheet.
- Students will then participate in the exercise listed on the sheet.
- Each student working at their own pace will return the original number card they chose to the other side of the room and pick up another number card and bring it back to their desk.
- Repeat this until the worksheet is complete or time has expired.

*Step 3 (Application – how student will apply/practice new learning)*

- Place students in pairs and have them work together.
- Have students raise their hand to check their progress after each answer.
- Provide manipulatives for students that need them.
- If there are physical limitations work with student to vary their exercises.
- If students finish early, have them draw in extra boxes and choose their own exercise.

**Assessments**

- Collect papers to check for understanding.

Extensions/Connections

- Follow up lesson by writing a variety of numbers on the board and underlining random places.
- Assign an exercise to each place value. Ex. Hundreds = jumping jacks, Tens = Cross Crawls, Ones = Arm Circles.
- Point or read select numbers that have been written with the underlined digit and see what exercise they each participate in.

**Resources/References**

- Splashlearn.com <https://www.splashlearn.com/math-vocabulary/place-value/place-value>

**Handout**

Worksheets and printable place value cards attached.



## Place Value Fitness 2<sup>nd</sup> Grade

Name \_\_\_\_\_

Date \_\_\_\_\_

Travel to collect a number. Copy the number into the number column. Look at the underlined digit and write the place and value. Then complete the exercise in that row. Return your number and get a new number.

	<b>Number</b>	<b>Place</b>	<b>Value</b>	<b>Exercise</b>
1	<b>2<u>3</u>9</b>	Tens	30	10 jumping jacks
2				10 cross crawls
3				10 scissor kicks
4				10 windmills
5				20 sky punches
6				20 second plank hold
7				10 dabs



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8				10 mountain climbers
9				10 squats
10				10 arm circles

**204**



**729**  
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**193**

**374**

**837**

**874**

**593**

**493**

**330**

**3**

**80**

**39**

**98**

**40**

291

923

910

392

193

297

28

392

92

350

493

4

**84**

**947**

**103**

**928**

**248**

**999**

**837**

**495**

**193**

**30**

**554**

**948**



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**38**  
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**64**  
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