

Grade Level/Course: 2nd grade math
Lesson Plan Name: 2nd Grade Place Value Review * Lesson credit: Thanks to Ellerhorst Elementary's Rachel Grottke for the lesson plan draft.
Rationale/Lesson Abstract: BrainPop, Jr. will be used to learn about concepts of place value and place value representation using base-10 blocks.
Time Frame: 60 minutes (plus extra practice sessions during computer lab time)
CA Common Core Standard(s): www.cde.ca.gov/be/st/ss/documents/ccssmathstandardsaug2013.pdf <u>CA CCSS Math 2.NBT.1</u> Understand that the three digits of a three-digit number represent amounts of hundreds, tens, and ones; e.g., 706 equals 7 hundreds, 0 tens, and 6 ones. Understand the following as special cases: <ul style="list-style-type: none"> • 100 can be thought of as a bundle of ten tens—called a “hundred.” • The numbers 100, 200, 300, 400, 500, 600, 700, 800, 900 refer to one, two, three, four, five, six, seven, eight, or nine hundreds (and 0 tens and 0 ones) <u>CA CCSS Math 2.NBT.3:</u> Read and write numbers to 1000 using base-ten numerals, number names, & expanded form.
ISTE Standard(s) for Students: www.iste.org/standards/ISTE-standards/standards-for-students 6. Technology operations and concepts Students demonstrate a sound understanding of technology concepts, systems, and operations. <ol style="list-style-type: none"> Understand and use technology systems Select and use applications effectively and productively
ISTE Standard(s) for Teachers: www.iste.org/standards/iste-standards/standards-for-teachers 2. Design and develop digital age learning experiences and assessments Teachers design, develop, and evaluate authentic learning experiences and assessments incorporating contemporary tools and resources to maximize content learning in context and to develop the knowledge, skills, and attitudes identified in the standards.

Instructional Resources/Materials:Tech

Teacher computer connected to projector, internet access

Tablets/Laptops/Computers for pairs or individual students

Math Lesson Plan Resources

- WCCUSD District Math Website www.wccusd.net/Page/3186
- <http://educators.brainpop.com/bp-jr-topic/place-value/>
- BrainPOP Jr. online videos on place value, accessed via <http://ed1stop.net/>
- <https://jr.brainpop.com/math/numbersense/placevalue/preview.weml>

Assessment:

- Written activities from BrainPop,Jr. photocopied per student
- BrainPop,Jr. quizzes printed for students if they can't be taken on-line
- IlluminateEd, teacher-created "on-the-fly" quiz

Activity/Lesson:

Students will view the BrainPop,Jr. lesson video through the website, whole class. Students will take the online quizzes to check for understanding and mastery. Repeat lessons and review may be necessary.

1. Use the classroom projector connected to a computer to display BrainPop, Jr. for the class.
2. Review place value using the BrainPop Jr. "Place Value" video and game.
3. Ask student volunteers to share their learning.
4. Continue with written activities/practice using WCCUSD math department curriculum

Assessment:

Teacher-created, whole-class assessment using Kahoot! <https://getkahoot.com/>

Teacher-created, whole-class assessment using IlluminateEd <https://wccusd.illuminateed.com>

BrainPOP Jr. movie quizzes (printed if individual computer use is not an option)

On-line assessment (and/or resources for printables)

- <https://xtramath.org/>
- www.math-aids.com/
- www.commoncoresheets.com/