**I can represent numerals using base-10 materials (outcome N07)**

***Teacher Expectations***

**Step 1- Write the above I can statement in your learning target section of your board**

**Step 2- Watch the Key Note Presentation I can represent numerals using base-10 materials available:**

[**http://jkeithgrade2mathns.weebly.com/place-value.html**](http://jkeithgrade2mathns.weebly.com/place-value.html)

**Step 3- Explain to the students they will be using base-10 materials to represent a wide variety of materials**

**Step 4- Hand out base-1o materials for storage of base-1o materials look here:**

[**http://jkeithgrade2mathns.weebly.com/math-manipulatives.html**](http://jkeithgrade2mathns.weebly.com/math-manipulatives.html)

**Step 5- Give students the first number (see checklist below) and allow them to represent**

**Step 6- Tell students as they complete you will come and check their work and give them a new number, keep track of who has completed this activity and who has now.**

**Student Check List**

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| --- | --- | --- | --- | --- | --- | --- |
| Student  Names | 25 | 48 | 62 | 77 | 84 | Challenge  105 |
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