



Theme: Create Place Value Chart

Curriculum: Math

Activity: Child will create a Place Value Chart.

Age of Children: 4th Grade

Materials Needed:

- ☐ Blank Paper
- ☐ Color Paper
- ☐ Markers
- ☐ Pencil
- ☐ Scissors
- ☐ Ruler
- ☐ Glue

Development Objectives/Domains:

- Child will create a place value chart using paper.
- They will learn what place value is.
- Will learn to use the place value tree and how place value works.

Procedure:

1. First watch this video to show what place value is.
<https://www.youtube.com/watch?v=a4FXI4zb3E4>
2. Answer any questions about place value. Explain that place value is the value of each digit in a number. Use an example, like the 5 in 350 represents 5 tens or 50 OR the 5 in 5,006 represents 5 thousands, or 5,000.
3. After they understand place value we can begin to create our place value chart.
4. You can follow steps down below or use this video for reference.
<https://www.youtube.com/watch?v=ympYBT6w2zY>
5. Start with a blank paper, to create the NUMBER STRIPS.
 - a. Start by using the ruler to create 4 columns from top of paper all the way down to the bottom of the paper each about 1in-1 ½ in of width.
 - b. After that make 9 lines separated equally to have 10 squares down all 4 columns.
 - c. Now that we have our column ready write the number 0-9 down the column in order. And we can cut the columns to separate them.
6. Now put columns aside and Use a color paper of your choice to make 4 equal squares, 5 cm length and 5 cm width. Cut them to be individual. And have them fold two parallel sides about 1 cm
7. For this next step in the video:
<https://www.youtube.com/watch?v=ympYBT6w2zY> from 2:20 minutes to 3:00 do it themselves or have parents help them make the cut.
8. After the cuts are made, glue the tabs that were folded at step 6, glue them to a blank paper, just the folds.
9. Label each one from left to right. Thousands, Hundreds, Tens and Ones.
10. To the ends of each column, you can add flaps to make it easier to pull them.
11. Explain how the place value chart works.

References:

- ❑ <https://www.youtube.com/watch?v=a4FXI4zb3E4>
- ❑ <https://thirdspacelearning.com/blog/what-is-place-value-explained/>
- ❑ <https://www.youtube.com/watch?v=ympYBT6w2zY>