**Maths Tips For Parents**

**Stage 1**

 **Emergent**

**Number Range:1-20**

1 **Copying and Saying Short Forward Number Word Sequences**

* *I’m going to count from one to three, and I want you to say it after me. Ready; one, two, three. Again; one, two, three.*
* *Now, I’m going to count from four to six, and I want you to say it after me. Ready; four, five, six. Again; four, five, six.*
* Similarly for the number words from seven to ten.
* *I’m going to count from one to five, and I want you to say it after me. Ready; one, two, ... five. Again; one, two, ... five.*
* Similarly for the number words from six to ten.
* *This time, you count from one to five by yourself.*
* Similarly, six to ten, one to ten.
* Extend to FNWSs in the range one to 20.

 **2. Copying and Saying Short Backward Number Word Sequences**

* *I’m going to count backwards from three, and I want you to say it after me. Ready; three, two, one.*
* *Now I’m going to count backwards from six, and I want you to say it after me. Ready; six, five, four.*
* *Now I’m going to count backwards from ten, and I want you to say it after me. Ready; ten, nine, eight.*
* Similarly four to one, and eight to five, ten to seven.
* *This time, you count from five back to one by yourself.*
* Similarly, eight to three, ten to five, ten to one.

**3. Saying Alternate Number Words Forwards and Backwards**

* *Let’s take turns to say the numbers. I will say one, then you say two, then when I say three, then you say four, and we will keep going like that. Ready, one, (two), three, (four), ...*
* *This time you start with one. Ready, (one), two, (three), four, ...*
* *Let’s try that again backwards. Let’s go backwards from six. I’ll start off. Ready, six, (five), four, ...*
* *This time we will go backwards and you can start from eight. Ready, (eight), seven, (six), ...*
* Similarly with FNWSs to twenty and BNWSs to ten.

**4. Saying the Next Number Word Forwards**

* *I’m going to count, and I want you to say the next number after I stop. Ready, one, two, three, four, ----. Five, six, seven, eight ----.*
* *I’m going to count, and I want you to say the next number after I stop. Ready, one, two, ----. Five, six, ----. Eight, nine, ----.*
* Extend to number words in the range of 11 to 20.

**5. Saying the Next Number Word Backwards**

* *I’m going to count backwards, and I want you to say the next number backwards, after I stop. Ready, four, three, two, ----. Seven, six, five ----.*
* *I’m going to count backwards, and I want you to say the next number backwards, after I stop. Ready, five, four ----. Eight, seven, ----. Nine, eight, ----.*

**6. Saying the Number Word After**

* *I’m going to say a number and I want you to say the number just after the one I say. Ready, seven! Four! Eight!*
* Extend to number words in the range 11 to 20.

**7. Saying the Number Word Before**

* *I’m going to say a number and I want you to say the number before the one I say. Ready, four! Ten! Three!*

**Maths Tips For Parents**

**Stage 2-The Perceptual Child**

**Number Range:1-30**

1. **Saying Short Forward Number Word Sequences**

* *Start from six and count up to 10. Now start from 8 and count up to 15.*
* *Start from 20 and count up to 25.*
* *Similarly, 18 to 24, 22 to 30, and so on.*

**2. Saying Short Backward Number Word Sequences**

* *Start from 10 and count back to 7. Now start from 12 and count back to 8.*
* *Start from 20 and count back to 16.*
* *Similarly, 24 back to 20, 30 back to 26, and so on.*

**3. Saying Alternate Number Words Forwards and Backwards**

* *Let’s take turns to say the numbers. I will say one, then you will say two, then I will say three, then you say four, and we will keep going like that, Ready, one, (two), three, (four), ... Continue to about twenty.*
* *This time you start with one. Ready, (one), two, (three), four, ... to about twenty.*
* *This time you start from ten. Ready, (ten), eleven, (twelve), thirteen, ... Continue into thirties.*
* *Let’s try that going backwards, Let’s go backwards from twelve. I’ll start off. Ready, twelve, (eleven), ten, ...*
* *This time we will go backwards and you can start from thirty. Ready, (thirty), twenty-nine, (twenty-eight), ...*
* Similarly with other FNWSs and BNWSs into the thirties.

**4. Saying the Next One, Two or Three Number Words Forwards**

* *I’m going to count from a number, and I want you to say the next number after I stop. Ready, ten, eleven, twelve ----. Ready, eighteen, nineteen, twenty, twenty-one, ----.*
* *I’m going to count from a number, and I want you to say the next two numbers after I stop. Ready ten, eleven, twelve ----. Ready eighteen, nineteen, twenty, twenty-one, ----.*
* *I’m going to count from a number, and I want you to say the next three numbers after I stop. Ready, one, two, three, four, ----. Ready, nine, ten, eleven, twelve, ----. Ready twenty-one, twenty-two, twenty-three ----.*

**5. Saying the Next One, Two, or Three Number Words Backwards**

* *I’m going to count backwards, and I want you to say the next number backwards, after I stop. Ready, twelve eleven, ten, ----. Ready eighteen, seventeen, sixteen, ----. Ready thirty, twenty-nine, twenty-eight, ----.*
* *I’m going to count backwards, and I want you to say the next two numbers backwards, after I stop. Ready, eleven, ten, nine, ----. Ready, eighteen, seventeen, sixteen, ----. Ready, twenty-six, twenty-five, twenty-four, ----.*
* *I’m going to count backwards, and I want you to say the next three numbers backwards, after I stop. Ready, ten, nine, eight, seven ----. Ready, twenty, nineteen, eighteen, ----. Ready, twenty-four, twenty-three, twenty-two twenty-one, ----.*

**6.** **Saying the Number Word After**

* *I’m going to say a number and I want you to say a number just after the one I say. Ready, Seven! Four! Eight!*
* *Use number words in range 1 to 30.*

**7. Saying the Number Word Before**

* *I’m going to say a number and I want you to say the number before the one I say. Ready, Four! Ten! Three!*
* *Use the number words in the range 1 to 30.*