## 2.0: Introductory Lessons, Practice, and Progress Monitoring

## Free Supplement

## Numeracy Consultants

To purchase the complete eLibrary 2.0 please visit https://numeracyconsultants.net/store Or email
info@numeracyconsultants.net

Numeracy Specialist Program (13 hours) - Level 3 (Expert)
The Numeracy Specialist Program is a level 3 (Expert) training that is designed for classroom, special ed, and math support teachers. This program is a deep dive into math intervention. The 4 day course will help teachers develop a thorough understanding of primary numeracy, multiplication and division, and fractions. Once an understanding of the learning frameworks is unlocked, we will focus on creating student groups, selecting target skills with differentiation, transitioning between programs, progress monitoring and data tracking, alternative forms of assessment, and planning lessons and activities for students.

This training provides an opportunity for teachers to earn a certificate of completion for a 12 hour course ( 3 hours and 15 min . per day over the course of 4 days) that covers all 3 of our programs. This program is taught live by a consultant in a virtual setting.

This course is for individuals who already have some experience with the administration and scoring of the assessments which are free on our website. Participants will also receive new resources including new progress monitoring documents for observations and materials for instruction.

The training requires active participation. Throughout the training several real world scenarios with undetermined outcomes will be presented and the group will discuss and find the best path forward.

Please see the agenda below. Though suggested, Level 2 training is not required to attend this training.

If you have any questions about registration please email info@numeracyconsultants.net.

Numeracy Specialist Program


## Counting: Level A, B

## Counting: Level A

Mini Lesson 1: Orally Counting to 10 on a number line.
Student Practice: (Numbers 1 - 10 Isolated)
Mini Lesson 2: One to one counting of items up to 10
Student Practice: (Numbers mixed 1-10)
Mini Lesson 3: Number before /number after within 10
Student Practice: Number Before / Number After

## Mini Lesson 4: Orally Count backwards from 10

Student Practice: Backward counting

## Progress Monitoring

Progress Monitoring

## Counting: Level B

Mini Lesson 5: Orally Counting to 20 on a number line.
Student Practice: (Numbers 11 - 20 Isolated)
Mini Lesson 6: One to one counting of items up to 20

Student Practice: (Numbers mixed 10-20)

Mini Lesson 7: Number before /number after within 20

Student Practice: Number Before / Number After- 2

## Mini Lesson 8: Orally Count backwards from 20

Student Practice: Backward counting

## Progress Monitoring

Progress Monitoring

## Counting: Level C, D, E

## Counting: Level C

Mini Lesson 1: Counting 23 to 47.
Student Practice: (Counting 23-47)

Mini Lesson 2: Counting 49-90
Student Practice: (Counting 49-90)

Mini Lesson 3: (Counting 92-120)

Student Practice: (Counting 92-120)

## Counting: Level D

Mini Lesson 1: Counting 120 to 152.
Student Practice: (Counting 120-152)

## Mini Lesson 2: Counting 161-188

Student Practice: (Counting 160-188)
Mini Lesson 3: (Counting 188-216)
Student Practice: (Counting 189-216)

## Counting: Level E

Mini Lesson 1: Counting 298 to 315.

Student Practice: (Counting 298-618)
Mini Lesson 2: Counting 797-908

Student Practice: (Counting 697-908)

Mini Lesson 3: (Counting 898-1,000)
Student Practice: (Counting $898-1,000$ )

## Blank Practice Sheet

Student Practice: (make your own)

## Progress Monitoring

Level C: Formative Assessment

Level D: Formative Assessment

Level E: Formative Assessment

## Mini Lesson 1



Prompt: Count up to 10 three times starting at zero.


Prompt: What is the missing number?




Prompt: What are the missing numbers?








## Mini Lesson 2




Prompt: Count the circles. When finished point to the number of blocks that you counted.


2




$$
3 \quad 5 \quad 4
$$



## 7 <br>  <br> 6

Prompt: Count the squares. When finished point to the number of blocks that you counted.


## 7 <br> 8 <br> 10



## 7 <br> 6 <br> 5


$810 \quad 9$

Prompt: Count the triangles. When finished point to the number of blocks that you counted.
－ローロ
$8 \quad 10 \quad 9$

Prompt：Count the hearts when finished point to the number that you counted．


10
8
9 point to the number that you counted.

## Mini Lesson 3




Prompt: What number comes before, what number comes after?



Prompt: What number comes before, what number comes after?



Prompt: What number comes before, what number comes after?



Prompt: What number comes before, what number comes after?



Prompt: What number comes before, what number comes after?



Prompt: What number comes before, what number comes after?



Prompt: What number comes before, what number comes after?



Prompt: What number comes before, what number comes after?

Mini Lesson 4


Trace and then write the number.


| Count and Circle the Number: |  |  |  | Count and Circle the Number: |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | 3 | 2 | 1 | 0 | 3 | 2 | 1 |

Count and Circle the Number:


Count and Write the Number:
(C) Numeracy Consultants
$\qquad$


Trace and then write the number.


Count and Circle the Number:


0

$\frac{3}{\text { Count and Write the Number: }}$
Count and Circle the Number:

© Numeracy Consultants


Count and Circle the Number:


03
2
1

Count and Write the Number:



Trace and then write the number.


Count and Circle the Number:


Count and Write the Number:

## © Numeracy Consultants





Trace and then write the number.


## (© Numeracy Consultants

Trace and then write the number.


Count and Circle the Number:



## © Numeracy Consultants

Trace and then write the number.


Name:
Trace and then write the number.


Name:
Trace and then write the number.


> Count and Circle the Number:


| 5 | 7 | 8 | 9 |
| :--- | :--- | :--- | :--- |

Count and Circle the Number:
$\square$
$\square$
$\square$

$\longrightarrow$

$\square$
$\square$
8
9
6
1

Count and Write the Number:



Name:
— (c) Numeracy Consultants
Trace and then write the number.


Count and Circle the Number:


8
9



1


Count and Write the Number:



Name:
Trace and then write the number.


Count and Circle the Number:
Count and Circle the Number:


8
9
6


10

Count and Write the Number:


MENU

Name:
Count and write the number.


Write in the missing numbers.


| 0 |  |  | 3 |  |  | 6 |  |  |  | 10 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| 0 |  |  |  |  | 5 |  |  |  | 9 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| 0 |  |  |  |  |  |  |  | 8 |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

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Write in the missing numbers. Use backwards counting to help you.


| Oral Counting up to 10: Mastery: Yes No | One to One Counting up to 10: | Mastery: Yes No |
| :---: | :---: | :---: |
| "Count up to 10 starting at Zero." | "Count the Circles." |  |
| Oral Counting back from 10: Mastery: Yes No |    |  |
| "Count backward from 10." |    | $)$ |
| Numeral ID up to 10: Mastery: Yes No |  |  |
| $\begin{array}{lllll} 0 & 3 & 1 & 5 & 8 \end{array}$ | $7 \quad 2$ | 10 |
| Write Numbers to 10. Mastery: Yes No |  |  |

## Mini Lesson 5



Prompt: Count up to 20 three times starting at zero.

\section*{$+\frac{\square}{C} \quad$ © Numeracy Consultants <br> | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |}

Prompt: Count from 10 up to 21.

\section*{$+\frac{\square}{C} \quad$ © Numeracy Consultants <br> | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |}



Prompt: What is the missing number?


Prompt: What is the missing number?



Prompt: What is the missing number?



Prompt: What is the missing number?


\section*{$+\frac{\square}{C} \quad$ © Numeracy Consultants <br> | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |}

Prompt: What are the missing numbers?


Prompt: What are the missing numbers?

\section*{| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |}

Prompt: What are the missing numbers?

## Mini Lesson 6



## 13 <br> 15 <br> 18

## Prompt: Count the circles. When finished point to the number that you counted. <br> Prompt: Can you count again starting from $10 ?$



## 13

Prompt: Count the circles. When finished point to the number that you counted.

Prompt: Can you count again starting from 10?


## 12

## 15

## 19

Prompt: Count the circles. When finished point to the number that you counted.

Prompt: Can you count again starting from 10?


## 20

## 13

## 12

Prompt: Count the circles. When finished point to the number that you counted.

Prompt: Can you count again starting from 10?

| $\longrightarrow$ | $\square$ | $\square$ |
| :--- | :--- | :--- | :--- | :--- |
|  | $\infty$ |  |


|  | $\square$ | $\square$ |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  | $\square$ |  |  |  |

17

Prompt: Count the circles. When finished point to the number that you counted.

Prompt: Can you count again starting from 10?


## 11

15
18

Prompt: Count the circles. When finished point to the number that you counted.

Prompt: Can you count again starting from 10?

| $\square$ | $\square$ | $\square$ |
| :--- | :--- | :--- | :--- | :--- |
|  | $\square$ |  |


|  | $\square$ | $\square$ |  |
| :--- | :--- | :--- | :--- | :--- |
|  | $\infty$ |  |  |

11

Prompt: Count the circles. When finished point to the number that you counted.

Prompt: Can you count again starting from 10?

## Mini Lesson 7




Prompt: What number comes before, what number comes after?



Prompt: What number comes before, what number comes after?



Prompt: What number comes before, what number comes after?



Prompt: What number comes before, what number comes after?


Prompt: What number comes before, what number comes after?

## 151617

Prompt: What number comes before, what number comes after?


Prompt: What number comes before, what number comes after?


Prompt: What number comes before, what number comes after?


Prompt: What numbers comes before, what numbers comes after?


Prompt: What numbers comes before, what numbers comes after?


Prompt: What numbers comes before, what numbers comes after?


Prompt: What numbers comes before, what numbers comes after?

## Mini Lesson 8



Name:
Trace and then write the number.


Count and write the number.

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Name:
Trace and then write the number.


Count and write the number.


Name:
Trace and then write the number.

Count and write the number.

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Trace and then write the number.


Count and write the number.

$\qquad$

$\qquad$
(C) Numeracy Consultants


Name:
Trace and then write the number.


Count and write the number.

$\qquad$
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$\qquad$

Name:
Trace and then write the number.


Count and write the number.
© Numeracy Consultants

-


Name:
Trace and then write the number.


Count and write the number.

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$\qquad$

Name:
Trace and then write the number.


Count and write the number.

© Numeracy Consultants

$\qquad$


Name:
Trace and then write the number.


Count and write the number.

© Numeracy Consultants

$\qquad$


Name:
Trace and then write the number.


Count and write the number.
© Numeracy Consultants


Name:

Write in the missing numbers.


Count and write the numbers.


Write in the missing numbers.


| 10 |  |  |  |  | 15 |  |  |  |  | 20 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| 10 |  |  |  |  |  |  |  | 18 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Write in the missing numbers.


| 19 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |



Name:
(C) Numeracy Consultants

Write in the missing numbers. Use backwards counting to help you.


Formative Assessment Level B: Counting Number ID up to 20

| Oral Counting up to 20: | Mastery: Yes No | One to One Counting up to 20: | Mastery: Yes No |
| :---: | :---: | :---: | :---: |

"Count up to 20 starting at Zero."

Oral Backwards Counting from 23: Mastery: Yes No "Count backward from 20."
"Count the Circles."


Numeral ID up to 20: Mastery: Yes No
$0 \quad 13$
I5
18
16
17
12
IU
10

Write Numbers $\mathbf{1 1}$ to 20. Mastery: Yes No

## Level C Mini Lesson 1

\section*{| 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |}

Prompt: Count from 23 up to 34 three times.
Prompt: Count backwards from 34 to 23 three times.

## $+\frac{\square}{\mathrm{C}} \quad$ © Numeracy Consultants

\section*{$+\frac{\square}{\mathrm{C}} \quad$ © Numeracy Consultants <br> Level C: Mini Lesson 1 <br> | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |}

Prompt: What are the missing numbers?


Prompt: What numbers come before, what numbers come after?

## 2728293031

## 

Prompt: Count from 36 up to 47 three times.
Prompt: Count backwards from 47 to 36 three times.

| 36 | 38 | 39 |  | 41 | 42 |  | 44 | 45 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


\section*{| 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |}

Prompt: What are the missing numbers?


Prompt: What numbers come before, what numbers come after?

## 3940414243

Prompt: What numbers come before, what numbers come after?

## Level C Mini Lesson 2

## $+\frac{\square}{\mathrm{C}} \quad$ © Numeracy Consultants

Prompt: Count from 49 up to 60 three times.
Prompt: Count backwards from 60 to 49 three times.

\section*{| 49 | 51 | 52 |  | 54 | 55 | 56 | 57 | 58 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |}

Prompt: What are the missing numbers?

\section*{$+\frac{\square}{\mathrm{C}} \quad$ © Numeracy Consultants <br> Level C: Mini Lesson 2 <br> $49505152|53|$| 44 | 55 | 56 | 57 | 58 | 59 |
| :--- | :--- | :--- | :--- | :--- | :--- |}

Prompt: What are the missing numbers?


Prompt: What numbers come before, what numbers come after?

## 52535455565758




## $+\frac{\square}{\mathrm{C}} \quad$ © Numeracy Consultants



Prompt: What numbers come before, what numbers come after.

## 7071727374

Prompt: What numbers come before, what numbers come after.

## $+\frac{\square}{\mathrm{C}} \quad$ © Numeracy Consultants

Prompt: Count from 79 up to 90 three times.
Prompt: Count Backwards from 90 to 79 three times.

## $+\frac{\square}{C} \quad$ © Numeracy Consultants <br> Level C: Mini Lesson 2 <br> 

Prompt: What are the missing numbers?

## $+\frac{\square}{C} \quad$ © Numeracy Consultants <br> 

Prompt: What are the missing numbers?


Prompt: What numbers come before, what numbers come after?

## 8384858687

Prompt: What numbers come before, what numbers come after?

## Level C Mini Lesson 3



Prompt: Count from 92 up to 103 three times.

Prompt: Count back from 103 to 92 three times.


Prompt: What are the missing numbers.


Prompt: What are the missing numbers.


Prompt: What numbers come before, what numbers come after.


Prompt: What numbers come before, what numbers come after.


Prompt: What are the missing numbers?

\section*{$+\frac{\square}{C} \quad$ © Numeracy Consultants <br> Level C: Mini Lesson 3 <br> | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |}

Prompt: What are the missing numbers?


Prompt: What numbers come before, what numbers come after?


Prompt: What numbers come before, what numbers come after?

## Level D Mini Lesson 1

| 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Prompt: Count from 119 up to 130.

Prompt: Count Backwards from 130 to 119.




Prompt: What numbers come before, what numbers come after?


Prompt: What numbers come before, what numbers come after?

| 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Prompt: Count from 138 up to 149.

Prompt: Count Backwards from 149 to 138.


Prompt: What are the missing numbers.


Prompt: What are the missing numbers.


Prompt: What numbers come before, what numbers come after?


Prompt: What numbers come before, what numbers come after?

## Level D Mini Lesson 2



Prompt: Count from 159 up to 170.
Prompt: Count backwards from 170 up to 159.


Prompt: What are the missing numbers?


Prompt: What are the missing numbers?


Prompt: What numbers come before, what numbers come after?


Prompt: What numbers come before, what numbers come after?


Prompt: Count from 174 up to 185.
Prompt: Count backwards from 185 up to 174.


Prompt: What are the missing numbers?


Prompt: What are the missing numbers?


Prompt: What numbers come before, what numbers come after?

\section*{| 184 | 185 | 186 | 187 | 188 |
| :--- | :--- | :--- | :--- | :--- |}

Prompt: What numbers come before, what numbers come after?

## Level D Mini Lesson 3



Prompt: Count from 193 up to 204.
Prompt: Count backwards from 204 up to 193.


Prompt: What are the missing numbers?


Prompt: What are the missing numbers?


Prompt: What numbers come before, what numbers come after?


Prompt: What numbers come before, what numbers come after?


Prompt: Count from 205 up to 216.
Prompt: Count backwards from 216 up to 205.


Prompt: Fill in the missing numbers.


Prompt: Fill in the missing numbers.


Prompt: What numbers come before, what numbers come after?

\section*{| 208 | 209 | 210 | 211 | 212 |
| :--- | :--- | :--- | :--- | :--- |}

Prompt: What numbers come before, what numbers come after?

## Level E Mini Lesson 1



Prompt: Count from 295 up to 306..



Prompt: What are the missing numbers?


Prompt: Count from 495 up to 506..


Prompt: Count from 595 up to 606..


Prompt: Count from 607 up to 618..

## Level E Mini Lesson 2



Prompt: Count from 697 up to 708..


Prompt: Count from 709 up to 720 ..


Prompt: Count from 797 up to 808. .


Prompt: Count from 817 up to 828..


Prompt: Count from 897 up to 908..

## Level E Mini Lesson 3



Prompt: Count from 908 up to 919..


Prompt: Count from 963 up to 974. .


Prompt: Count from 989 up to 1,000 ..
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Write in the missing numbers.

|  |  |  |  |
| :--- | :--- | :--- | :--- |
|  |  |  |  |




$\square$

| 20 |  |  |  |  | 25 |
| :--- | :--- | :--- | :--- | :--- | :--- |


| 21 |  |  | 24 |  |  |  |  |  |  | 31 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| 35 |  |  |  | 39 |  | 41 |  |  |  | 45 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


|  |  |  |  |  | 42 |  |  |  |  | 47 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

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Write in the missing numbers. Use both forward.

|  | 49 |  |
| ---: | ---: | ---: |
|  | 79 |  |



Write in the missing numbers.

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Write in the missing numbers.


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Write in the missing numbers.


Numeracy Consultants: Free Supplement

Name:
© Numeracy Consultants
Write in the missing numbers.


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## © Numeracy Consultants

Write in the missing numbers.


614
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Write in the missing numbers.


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Write in the missing numbers.


993


Name: $\qquad$

Write in the missing numbers.

$\qquad$
Ask all of the questions below to determine mastery.

## Oral Forward Counting up to 113: Mastery: Yes No

"Start counting from 18 and I will tell you when to stop." Stop at 32
"Start counting from 29 and I will tell you when to stop." Stop at 43
"Start counting from 49 and I will tell you when to stop." Stop at 65
"Start counting from 70 and I will tell you when to stop." Stop at 85
"Start counting from 95 and I will tell you when to stop." Stop at 113

Oral Backwards Counting from to 73: Mastery: Yes No
"Start backwards counting from 32 and I will tell you when to stop." Stop at 19
"Start backwards counting from 53 and I will tell you when to stop." Stop at 40
"Start backwards counting from 73 and I will tell you when to stop." Stop at 65
$\qquad$
Ask all of the questions below to determine mastery.

## Oral Forward Counting up to 213: Mastery: Yes No

"Start counting from 118 and I will tell you when to stop." Stop at 125
"Start counting from 145 and I will tell you when to stop." Stop at 153
"Start counting from 169 and I will tell you when to stop." Stop at 178
"Start counting from 198 and I will tell you when to stop." Stop at 213

Oral Backwards Counting from to 104: Mastery: Yes No
"Start backwards counting from 85 and I will tell you when to stop." Stop at 77
"Start backwards counting from 92 and I will tell you when to stop." Stop at 84
"Start backwards counting from 104 and I will tell you when to stop." Stop at 95

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Ask all of the questions below to determine mastery.
Oral Forward Counting up to 1,000: Mastery: Yes No
"Start counting from 297 and I will tell you when to stop." Stop at 306
"Start counting from 398 and I will tell you when to stop." Stop at 405
"Start counting from 605 and I will tell you when to stop." Stop at 613
"Start counting from 992 and I will tell you when to stop." Stop at 1,000

