

Supplemental Material S2.

Digit Span Assessment Forms

Digit Span

Form A

Based on Gathercole and Adams (1993)

Say: *I am going to say some numbers. You say exactly what I say. Let's try one. 5 1.*
[pause response]

If correct, say: *Great job! You said the numbers like I said them. Let's do some more.*
If incorrect, say: *I want you to say the same thing I say. 5 1. Your turn.*

Instructions: Begin at 2 for all children. Children must respond correctly on two items at each digit span to pass. If first two items are correct in each group, do not administer third. Discontinue when child does not pass a length. Digit span score is the highest set a child passes.

2

____ 2 9
____ 9 8
____ 5 7

Pass ☐

3

____ 6 2 7
____ 8 1 5
____ 1 7 6

Pass ☐

4

____ 8 1 7 2
____ 4 2 5 3
____ 7 6 8 5

Pass ☐

5

____ 6 4 8 2 5
____ 8 9 2 4 1
____ 7 9 3 5 6

Pass ☐

6

____ 7 5 3 4 2 9
____ 9 5 2 3 6 4
____ 8 7 4 1 2 9

Pass ☐

7

____ 6 7 9 8 1 5 4
____ 4 8 1 2 5 7 6
____ 4 9 2 7 5 3 5

Pass ☐

8

____ 2 4 6 3 8 1 5 9
____ 3 9 1 7 6 5 2 8
____ 1 4 9 3 2 5 8 7

Pass ☐

9

____ 8 9 1 4 2 5 3 7 6
____ 7 1 5 6 2 8 3 9 4
____ 1 7 5 9 3 6 2 8 4

Pass ☐

Digit Span _____

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Form B

Based on Gathercole and Adams (1993)

Say: *I am going to say some numbers. You say exactly what I say. Let's try one. 5 1.*
[pause response]

If correct, say: *Great job! You said the numbers like I said them. Let's do some more.*
If incorrect, say: *I want you to say the same thing I say. 5 1. Your turn.*

Instructions: Begin at 2 for all children. Children must respond correctly on two items at each digit span to pass. If first two items are correct in each group, do not administer third. Discontinue when child does not pass a length. Digit span score is the highest set a child passes.

2
____ 9 4
____ 8 1
____ 6 8

Pass ☐

3
____ 4 5 3
____ 8 7 9
____ 5 6 3

Pass ☐

4
____ 8 1 4 2
____ 1 6 3 5
____ 7 2 4 6

Pass ☐

5
____ 3 9 4 5 1
____ 4 8 3 1 5
____ 5 3 6 9 1

Pass ☐

6
____ 3 5 4 1 2 6
____ 1 6 5 4 3 7
____ 6 1 5 7 3 8

Pass ☐

7
____ 4 9 2 6 8 3 1
____ 7 4 6 8 9 2 5
____ 8 2 3 9 5 7 6

Pass ☐

8
____ 4 6 2 7 9 3 5 1
____ 7 3 2 6 1 4 5 9
____ 4 3 1 7 2 6 8 5

Pass ☐

9
____ 3 8 1 4 9 6 5 7 2
____ 5 3 7 2 6 9 4 1 8
____ 4 8 3 2 7 5 9 1 6

Pass ☐

Digit Span _____

Digit Span

Form C

Based on Gathercole and Adams (1993)

Say: *I am going to say some numbers. You say exactly what I say. Let's try one. 5 1.*
[pause response]

If correct, say: *Great job! You said the numbers like I said them. Let's do some more.*
If incorrect, say: *I want you to say the same thing I say. 5 1. Your turn.*

Instructions: Begin at 2 for all children. Children must respond correctly on two items at each digit span to pass. If first two items are correct in each group, do not administer third. Discontinue when child does not pass a length. Digit span score is the highest set a child passes.

2

___ 4 8

___ 6 3

___ 2 8

Pass ___

3

___ 8 6 9

___ 1 3 2

___ 3 7 5

Pass ___

4

___ 7 4 6 3

___ 4 2 3 7

___ 2 9 5 3

Pass ___

5

___ 9 3 7 2 5

___ 5 3 1 4 6

___ 6 7 5 3 1

Pass ___

6

___ 7 6 1 3 5 8

___ 6 4 7 5 1 9

___ 4 1 3 6 5 2

Pass ___

7

___ 4 9 8 5 1 6 3

___ 1 4 5 7 6 2 8

___ 7 9 6 2 1 8 4

Pass ___

8

___ 4 8 5 9 1 6 3 7

___ 6 3 5 9 1 2 4 8

___ 8 7 6 3 4 2 9 5

Pass ___

9

___ 5 3 2 1 4 8 6 7 9

___ 4 2 6 9 1 8 5 3 7

___ 5 8 4 1 3 2 6 9 7

Pass ___

Digit Span _____

Digit Span

Form D

Based on Gathercole and Adams (1993)

Say: *I am going to say some numbers. You say exactly what I say. Let's try one. 5 1.*
[pause response]

If correct, say: *Great job! You said the numbers like I said them. Let's do some more.*
If incorrect, say: *I want you to say the same thing I say. 5 1. Your turn.*

Instructions: Begin at 2 for all children. Children must respond correctly on two items at each digit span to pass. If first two items are correct in each group, do not administer third. Discontinue when child does not pass a length. Digit span score is the highest set a child passes.

2	3	4
___ 4 9	___ 2 4 6	___ 9 2 8 4
___ 3 2	___ 8 4 1	___ 8 3 5 4
___ 6 1	___ 6 2 3	___ 7 6 1 3
Pass _____	Pass _____	Pass _____
5	6	7
___ 4 2 8 1 5	___ 6 9 8 1 4 7	___ 8 6 2 7 9 3 4
___ 8 9 7 5 3	___ 1 3 8 2 4 6	___ 2 4 9 7 8 6 5
___ 1 4 9 2 3	___ 2 9 8 1 6 4	___ 7 5 8 4 1 9 3
Pass _____	Pass _____	Pass _____
8	9	
___ 1 9 2 8 6 3 4 7	___ 7 2 3 8 4 1 5 6 9	
___ 7 3 8 5 2 4 6 1	___ 8 2 3 4 6 9 5 7 1	
___ 6 5 3 1 2 4 8 7	___ 6 2 8 4 5 1 7 9 3	
Pass _____	Pass _____	Digit Span _____

Digit Span

Form E

Based on Gathercole and Adams (1993)

Say: *I am going to say some numbers. You say exactly what I say. Let's try one. 5 1.*
[pause response]

If correct, say: *Great job! You said the numbers like I said them. Let's do some more.*
If incorrect, say: *I want you to say the same thing I say. 5 1. Your turn.*

Instructions: Begin at 2 for all children. Children must respond correctly on two items at each digit span to pass. If first two items are correct in each group, do not administer third. Discontinue when child does not pass a length. Digit span score is the highest set a child passes.

2

___ 4 9

___ 9 3

___ 2 5

Pass ☐

3

___ 3 8 4

___ 9 2 6

___ 1 7 9

Pass ☐

4

___ 4 6 2 1

___ 9 7 6 8

___ 8 1 9 5

Pass ☐

5

___ 8 2 6 3 4

___ 8 4 6 1 5

___ 4 5 1 7 8

Pass ☐

6

___ 1 2 8 3 6 9

___ 8 1 7 2 5 3

___ 7 5 2 8 4 3

Pass ☐

7

___ 1 9 8 2 4 7 5

___ 6 8 7 4 2 1 5

___ 9 6 3 1 5 8 7

Pass ☐

8

___ 3 7 8 5 9 6 1 4

___ 7 8 9 5 1 3 2 6

___ 9 6 5 7 4 2 1 3

Pass ☐

9

___ 1 8 5 4 3 9 2 6 7

___ 9 5 6 8 2 4 7 3 1

___ 3 8 4 2 6 7 1 5 9

Pass ☐

Digit Span _____