

(42~47months)

# K-DST

## Korean Developmental Screening Test for Infants & Children

This screening Test is part of the medical research of infants and children of the ministry of health and welfare and Korea Centers for Disease and Control and Prevention and was developed by experts under the auspices of Korean National Institute for Pediatrics and Korean Society of Pediatric Rehabilitation and Developmental Medicine, Psychologists etc.

**Revised Version**



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# Korean Developmental Screening Test for Infants and Children (42~47months)

✦ Enter the respective situation. Mark the empty fields .

Name of child		(m, f)	Interviewee	<input type="checkbox"/> Mother <input type="checkbox"/> Father <input type="checkbox"/> Grandmother <input type="checkbox"/> Grandfather <input type="checkbox"/> Others( )
Date of birth	year	month	day (prebirth, date of birth:	year month day)
Parent's information (optional)	Mother	age: ( years)	Degree: <input type="checkbox"/> Postgraduate <input type="checkbox"/> Graduate <input type="checkbox"/> Drop out <input type="checkbox"/> High school graduate <input type="checkbox"/> Junior high graduate	
	Father	age: ( years)	Degree: <input type="checkbox"/> Postgraduate <input type="checkbox"/> Graduate <input type="checkbox"/> Drop out <input type="checkbox"/> High school graduate <input type="checkbox"/> Junior high graduate	
Is the child is physically or developmentally challenged?			<input type="checkbox"/> No <input type="checkbox"/> Yes (what sort of developmentally challenge? )	

**\*\* This questionnaire is related to 42-47 month old infants. If the age of the child does not coincide, you have to replace the questionnaire.**

✦ Choose one of the four answers below.

If you don't know the answer, you can check at the infant and then answer the question.

Can do well ③	Can do ②	Can do not well ①	Absolutely can't do ④
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The following questions are about “what the infant can do”.

If the infant is able to do a certain act but has not done it well due to other reasons, check “Can do”.

e.g., The infant seems to have an ability to use scissors, but you have never let him/her use them before. The infant seems to be able to build with blocks, but you don't have such toys (blocks) in your house or he/she doesn't like playing with them.

## **GROSS MOTOR SKILLS**

1	Catches a big ball.		③ ② ① ④		
2	Peddles tricycle short distances.		③ ② ① ④	5	Moves on “ride-on” toy without pedals.
3	Jumps forward with 2-footed take-off and landing		③ ② ① ④	6	Hops on one foot forward 2-3 times.
4	Imitates one foot standing 3 seconds.		③ ② ① ④	7	Raises his/her arms and throws a ball overhead more than two meters in a standing position
5				8	Goes down stairs step by step alternately without holding anything

Can do well ③

Can do ②

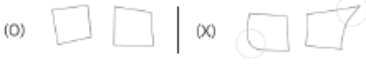
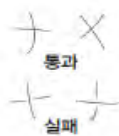

Can do not well ①

Absolutely can't do ④



## FINE MOTOR SKILLS

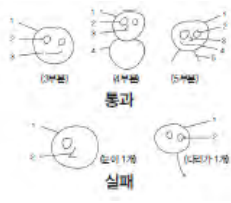
1	Undresses itself and a doll upon request.	③ ② ① ④
2	Imitates a circle (without showing)	③ ② ① ④
3	Folds a piece of paper two times (can be uneven).	③ ② ① ④
4	Can draw the rest of a line.	③ ② ① ④

5	If you show the infant a square, he/she draws one without any demonstration. (It is okay even if the lines intersect with each other. However, it does not count if the angles are round or narrow.) 	③ ② ① ④
6	Can cut along the line with scissors.	③ ② ① ④
7	Imitates a cross without showing, only strokes 	③ ② ① ④
8	Stacks blocks into a stair shaped form. 	③ ② ① ④



## COGNITION

1	Matches mixed category pictures as fruits, vehicles, furnitures,	③ ② ① ④
2	Knows the meaning of 'most' and 'less.'	③ ② ① ④
3	Can deliver speech	③ ② ① ④
4	Differentiates at least five. different colours	③ ② ① ④
5	Counts from 1-10	③ ② ① ④

6	Differentiates morning, midday, evening, today, tomorrow, etc.	③ ② ① ④
7	Draws a person (e.g. Mother, father consists of three parts of the body. It takes about three minutes 	③ ② ① ④
8	Uses tools for help (e.g. stick to retrieve something under table).	③ ② ① ④



## LANGUAGE

1	Can build a proper sentence (e.g.: "The dog ate the cookie")	③ ② ① ④
2	Can use the particles 'un, nun, lee, ga' properly and build a correct sentence (e.g.: "The cat says 'meow'", "I like my friend").	③ ② ① ④
3	Can name three words of the same category (e.g. Been asked for animals, answers 'dog', 'cat', 'elephant').	③ ② ① ④
4	Can use the phrases 'will do' and 'want to do' correctly in the future sense.	③ ② ① ④

5	Can report an event.	③ ② ① ④
6	Knows the opposite of an familiar word (warm↔ cold), big ↔ small.	③ ② ① ④
7	Can understand jokes and "read between the lines".	③ ② ① ④
8	Knows the meaning of word (e.g. "What is a shoe?" "You put it on, when you go outside.")	③ ② ① ④

✦ Choose one of the four answers below.

If you don't know the answer, you can check at the infant and then answer the question.

Can do well ③	Can do ②	Can do not well ①	Absolutely can't do ④
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## SOCIABILITY

1	Explains a simple game.	③ ② ① ④	5	Takes care of younger children	③ ② ① ④
2	Waits for its turn and shares with playmates	③ ② ① ④	6	Decides winner by 'rock-scissor -paper'.	③ ② ① ④
3	Reports other children's misbehaviour (e.g., "___ brought some snacks.")	③ ② ① ④	7	Socializes with new playmates	③ ② ① ④
4	Can play various situation games as 'household', 'shop', 'school', 'hospital'.	③ ② ① ④	8	Plays circle games that benefit sharing, waiting for its turn (e.g. a game of yut, board games.).	③ ② ① ④



## RESPONSIBILITY

1	Puts rubber boots on.	③ ② ① ④	5	Buttons front-opening clothing.	③ ② ① ④
2	Puts toothpaste on toothbrush, brushes teeth and washes mouth.	③ ② ① ④	6	Puts right and left mitten on.	③ ② ① ④
3	Differentiates back und front of its clothes.	③ ② ① ④	7	Washes hands and towels dry.	③ ② ① ④
4	Dresses itself(T-shirt).	③ ② ① ④	8	Uses chopsticks(including chopsticks for beginners).	③ ② ① ④



## FURTHER QUESTION

Yes ①

No ④

1	Used words make no sense. (e.g. "Bow-wow", "momma", "water", etc.)	① ④	5	The infant does not do any behaviors to attract adults' attention (e.g., Pointing his/her finger at an item and seeing his/her guardian's reactions, bringing and showing an item, pestering someone to play with him/her, calling someone by making sounds, etc.)	① ④
2	Cannot make a sentence consisting of more than two words (e.g. "Give me something to eat", "Let's drink some milk", etc.)	① ④	6	Is not interested in peers, even it peers are in its surrounding, the child doesn't observe and doesn't try to imitate them.	① ④
3	The infant does not make eye contact well with his/her guardians. (except in cases where the infant does not make eye contact because he/she is focusing on something else)	① ④	7	The infant does not do role playing consisting of two or more roles. (e.g. Doctor and patient, mom and dad, etc.)	① ④
4	The infant does not look at you even though you call his/her name. (except in cases where the infant has hearing impairments or does not look at you because he/she is focusing on something else)	① ④			

## Evaluation Chart (42~47 months)

Name of child		(m, f)	Date of preparation	year	month	day
Date of birth	year	month	day (prebirth, date of birth:	year	month	day)
Interviewee	<input type="checkbox"/> Mother <input type="checkbox"/> Father <input type="checkbox"/> Grandmother <input type="checkbox"/> Grandfather <input type="checkbox"/> Others( )					

### Evaluation result

Category Domain	1	2	Below 3	4	5	6	7	8	Total score	Transfer point		
										A	B	C
Gross motor skills										14	18	24
Fine motor skills										13	17	24
Cognition										13	18	24
Language										12	19	24
Sociability										12	17	23
Responsibility										13	18	24

### Further question

= Yes =No

Question	1 (L)		2 (L)		3 (S)		4 (S)		5 (S)		6 (S)		7 (S)	
Result	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Evaluation result

### Scoring

- The Scoring is based on four steps.  
(can do well = 3points can do = 2points, can't do well = 1point absolutely can't do = 0 points)
- Each domain is united with the points of difficulty of the question and recorded.
- The evaluation of the total score is based on the transfer points of each domain is scored on four steps.  
① advanced evaluation recommended ② monitoring is required ③ peer level ④ fast level

Date of preparation: \_\_\_\_\_

Preparing person: \_\_\_\_\_signature