## 'S BOOK

## TEDS 3 Year child booklet coding

This document was created in June 2023, adapting earlier versions of raw data and dataset coding documents dating from 2006/07 and later updated in 2013 and 2018 in line with dataset modifications.

Entries in red denote variable names and values used in the analysis dataset.
Entries in blue denote column/field names and values used in the raw data.

Dataset and raw data variables have different names, although they often have the same value coding. Where the dataset variables have the same coding as the raw data variables, the value coding is shown only once, in red. Where the coding differs, it is shown in both red (dataset) and blue (raw data).

In the raw data, missing values are coded with values -99 (missing) and -77 (not applicable). In the dataset, such values have been recoded simply to missing values. Such coding is not shown in this document.

The paper booklet had date fields on many of the pages, as shown. Dates from 7 pages were typically recorded, although with frequent problems of missing data and anomalies. These dates have been cleaned and aggregated into a single best-estimate date, replacing the original dates in the cleaned raw data. The date fields for this date are shown on the first page of parent-administered test data (Find the Pair).

All item variables are twin-specific and therefore have been double entered in the conventional TEDS way in the dataset. Hence, all dataset variables have names ending in either "1" (for the twin) or "2" (for the cotwin). Raw data variables are not structured or named in this way.

The layout and formatting of the pages of the booklet have been somewhat modified to incorporate the variable names and codes. The page numbering has not been retained. However, the wording on each page has been retained as in the original booklet. Some page content that is not relevant to the content of the questions or their coding has been removed for clarity.

This document only shows item variables not derived variables, except for a few cases where original data has been recoded in a very straightforward way.

## TEDS

Research Centre

## Find the Pair

## Examples for YOU



Look at the three different pictures above. Two of the pictures go together, and one doesn't. There are two circles and one triangle. The circles are a "pair", but the triangle does not belong.

For each "Find the Pair" game, we would like your child to show you which pictures go together.


## Examples for YOUR CHILD

## Example 1



Point to the squares and the triangle above. Say to your child, "Look at all these shapes". Point to the two squares and say, "Look, these go together". Now point to the triangle and say, "This one doesn't go with the others. It is different". Point to the squares again and say, "But these go together".


Point to the dogs above. Say to your child, "Look at all these pictures". Point to the two dogs that are SITTING DOWN and say, "Look, these go together". Now point to the dog that is STANDING UP and say, "But this one doesn't go. It is different". You may explain the difference if your child does not seem to understand.
$\qquad$

```
booklet_dd, booklet_mm, booklet_yyyy (dd, mm and yYyy date fields)
```

As explained above, this is a best estimate of the date when the booklet was
completed by the parent, replacing multiple date fields in the original raw data.

## Find the Pair

## Instructions

Each "Find the Pair" game has three pictures for your child to choose from - there are two games on a page. Each game should be treated separately.

For each of the games, show your child all three pictures first. Say to your child, "Which pictures go together? Can you show me which ones belong together?".

MAKE SURE THAT YOU DO NOT NAME THE PICTURES, although some children may like to name them themselves.

[^0]


FIND THE PAIR 2


FIND THE PAIR 3

```
codd031/2
odd03
1
```



```
5 = anomalous selection
Dataset score variables: codd03s1/2: 1 =correct \(0=\) wrong
```

FIND THE PAIR 4


FIND THE PAIR 5


## FIND THE PAIR 6



Dataset score variables: codd06s1/2: $1=$ correct $0=$ wrong

FIND THE PAIR 7

```
codd071/2
```

odd07

1


5 = anomalous selection

Dataset score variables: codd07s1/2: $1=$ correct $0=w r o n g$

FIND THE PAIR 8

```
codd081/2
odd08
```

1


5 = anomalous selection

## FIND THE PAIR 9



FIND THE PAIR 10
codd101/2 odd10

1

$5=$ anomalous selection

Dataset score variables: codd10s1/2: $1=$ correct $0=w r o n g$

FIND THE PAIR 11


FIND THE PAIR 12
Dataset score variables: codd12s1/2: 1=correct 0=wrong
codd131/2 odd13

1

$5=$ anomalous selection

Dataset score variables: codd13s1/2: 1=correct 0=wrong

FIND THE PAIR 14
codd141/2

## FIND THE PAIR 15



FIND THE PAIR 16

```
codd161/2
odd16
```

1


5 = anomalous selection

Dataset score variables: codd16s1/2: $1=$ correct $0=w r o n g$

## YOUR CHILD PLAYING OUR GAMES

Please tell us about how your child reacted to the Find the Pairs game you have just played with him/her.
(PLEASE TICK ONE BOX FOR EACH QUESTION)
YES NO
1)

Did your child EVER say anything like "I can't do it"
or "I don't like this" while playing the game? coddre11/2
oddrep1
10
2)

Did your child EVER get angry or frustrated while
playing the game? coddre $21 / 2$
oddrep2
10
3)

Did your child EVER shrug his/her shoulders, turn oddrep310 away from the game, or try not to look at you or the game? coddre31/2
4)

Did your child EVER want to stop playing the game?
oddrep410 coddre41/2

## DRAWING

You will need: Pencil or crayon for drawing.

## Draw 1

Draw a circle on the top half of the next page. The circle should be about this size:


After you have drawn the circle, give the pencil to your child, point to the bottom half of the page, and ask your child to "Make one like that, right here. Draw a circle just like that".

You can repeat your drawing and the instructions if necessary.

## Draw a circle -

Coding rules for circle
The drawing must be a curved figure, even if heart-shaped, apple shaped, etc. It may be a circle that wraps around itself, or one where the starting and/or finishing points lie outside the circle. Do not credit a circle which contains scribbled lines.

The circle needs to be at least $3 / 4$ closed.
Score 1 if both of the above criteria are met
Score 0 if only one (or neither) of the above criteria is met
pd01
cpd011/2: score 1 or 0 as above

## DRAWING

You will need: Pencil or crayon for drawing.

## Draw 2

Draw a line on the top half of the next page. The line should look something like this:

After you have drawn the line, give the pencil to your child, point to the bottom half of the page, and ask your child to "Make one like that, right here. Draw a line just like that".

You can repeat your drawing and the instructions if necessary.

Draw a horizontal line -

Coding rules for horizontal line
The line is approximately vertical (i.e., it varies from the vertical by not more than 30 degrees), but it may be slightly curved or broken.

The line measures at least $1 / 4$ inch and is no longer than twice the length of the sample.

Score 1 if both of the above criteria are met.
Score 0 if only one (or neither) of the above criteria is met.
pd02
cpd021/2: score 1 or 0 as above

## DRAWING

You will need: Pencil or crayon for drawing.

## Draw 3

Draw another line on the top half of the next page. This time the line should look something like this:

After you have drawn the line, give the pencil to your child, point to the bottom half of the page, and ask your child to "Make one like that, right here. Draw a line just like that".

You can repeat your drawing and the instructions if necessary.

Draw a vertical line -

Coding rules for vertical line
The line must be approximately vertical (i.e., it varies from the vertical by not more than 30 degrees), but it may be slightly curved or broken.

The line measures at least $1 / 4$ inch and is no longer than twice the length of the sample.

Score 1 if both of the above criteria are met.
Score 0 if only one (or neither) of the above criteria is met.
pd03
cpd031/2: score 1 or 0 as above

## YOUR CHILD DRAWING ALONE

You will need: Pencil or crayon for your child to draw with.

## Draw 4

Now we would like to see how your child copies our drawings WITHOUT WATCHING YOU FIRST.

Say to your child "Now it is going to change a bit".
On the top half of the next three pages there are drawings of shapes for your child to copy. For each of these drawings, say to your child "Can you draw one just like this" and point to the shape. Then say "Make one like that, right here." Point to the bottom half of the page.

You can repeat the instructions if necessary.
Please note that there is a question for you to answer at the bottom of each page.

Coding rules for right angle
If all three criteria (i), (ii) and (iii) below are met, give 1 point. If one of (i), (ii) or (iii) are not met give 0 points.
(i) The angle must be within the range of $70^{\circ}$ to $110^{\circ}$ (the drawing may be rotated)
(ii) At least one line must be straight
(iii) Any gap or overlap at the intersection must not be more than $1 / 8$ " (3.5mm)

If all three criteria (iv), (v) and (vi) below are also met then the drawing receives 2 points.
(iv) The angle is within the range of $85^{\circ}$ to $95^{\circ}$ (rounded corners fail this) (v) One line is no more than 1.5 times as long as the other and both lines are straight
(vi) Any rotation of the figure is less than $30^{\circ}$ from the original
pd04
cpd041/2: score 2, 1 or 0 as above

Which hand did your child hold the pencil or crayon in?
cpd04h1/2
pd04h
Left 1
Right
2

Coding rules for cross
If all three criteria (i) and (ii) and (iii) below are met, give 1 point. If one of (i), (ii) or (iii) are not met give 0 points.
(i) There are two lines and they intersect
(ii) All four parts of the cross are at least $1 / 4$ (6.5mm) long, not including extensions
(iii) At least half of each line is within $20^{\circ}$ of the correct angle

If criterion (iv) and (v) below are also met, then the drawing receives 2 points.
(iv) None of the four parts of the cross are more than 1.5 times longer than the others.
(v) All four parts of the cross are straight.
pd05
cpd051/2: score 2, 1 or 0 as above

Which hand did your child hold the pencil or crayon in? cpd05h1/2
pd05hRight 2Changed from hand to hand


[^1](i) There must be two intersecting circular or oval shapes. They may be poorly drawn, but must be more curved than angular. One shape may be much larger than the other.
(ii) The overlap must be no larger than the remaining portion of either of the shapes.
(iii) At the overlap, there must be no additions such as small circles or patterns.

If criterion (iv), (v) and (vii) below are also met then the drawing receives 2 points.
(iv) The two shapes are oriented correctly.
(v) The shapes are approximately the same size.
(vi) The overlap is substantially smaller than the remaining part of the two shapes.
pd06
cpd061/2: score 2, 1 or 0 as above

Which hand did your child hold the pencil or crayon in? cpd06h1/2
pd06h
$\square$ Left 1
1
Right 2
$\square$ Changed from hand to hand

## YOUR CHILD PLAYING OUR GAMES

Please tell us about how your child reacted to the Drawing game you have just played with him/her.
(PLEASE TICK ONE BOX FOR EACH QUESTION)
YES NO
1)
Did your child EVER say anything like "I can't do it"
or "I don't like this" while playing the game?
cpdrep $11 / 2$ :
pdrep11
$\square 0$ cpdrep11/2:
2) Did your child EVER get angry or frustrated while
playing the game? cpdrep21/2: pdrep21 $\square 0$
3) Did your child EVER shrug his/her shoulders, turn pdrep3 $\square$ 1 0 away from the game, or try not to look at you or the game? cpdrep31/2:
4) Did your child EVER want to stop playing the game? pdrep410 cpdrep41/2:

## Matching



Point to the circle on its own (on the left hand side of the line) and say to your child, "Look here is a circle". Now point to ALL FOUR shapes on the right hand side and say, "Look at these shapes". Say, "I am going to find the circle over here". Point to the circle and say, "Here is the circle, it is the same as the circle over here".
$\qquad$
(If a date was originally recorded here, it has been used to estimate the booklet date shown at the start of the Find the Pair activity above.)

## Matching

## Instructions

Each "Matching" game has five pictures: one on its own on the left, and four together on the right of the line. There are two games on a page. Each game should be treated separately.

For each of the games, point to the picture on its own, and say to your child, "Look at this". Then point to ALL four pictures on the right and say, "Find one just like it over here. Can you show me one just like it over here?"

Circle the picture that your child points to first. If your child does not point to the correct item, show him/her the correct one, but do not circle it.

For each game, please put a big " $\mathbf{X}$ " in the game box if:

- your child points to more than one picture, OR
- your child does not point to any of the pictures

Please remember: we do NOT expect children of your child's age to be able to do all of the games. Try all of the games if you can. You may be surprised!


## MATCH 1



## MATCH 2



MATCH 3


Dataset score variables: cpm03s1/2: 1=correct 0=wrong

## MATCH 4

cpm041/2
pm04


5 = invalid response

Dataset score variables: cpm04s1/2: 1=correct 0=wrong

MATCH 5
cpm051/2
pm05


Dataset score variables: cpm05s1/2: 1=correct 0=wrong

## MATCH 6

cpm061/2
pm0 6


1


2


5 = invalid response

## Match 7



## MATCH 8



5 = invalid response

Dataset score variables: cpm08s1/2: $1=$ correct $0=$ wrong

## MATCH 9

cpm091/2
pm09


Dataset score variables: cpm09s1/2: $1=$ correct $0=w r o n g$

## Match 10

cpm101/2
pm10



2


[^2]Dataset score variables: cpm10s1/2: 1 =correct $0=$ wrong

## MATCH 11

```
cpm111/2
pm11
```

1<br><br>2<br><br>3<br><br>4<br>5 = invalid response (e.g. selected more than one picture)<br>Dataset score variables: cpm11s1/2: 1=correct 0=wrong

## Match 12



Dataset score variables: cpm12s1/2: 1=correct 0=wrong

## Match 13

cpm131/2
pm13
5 = invalid response (e.g. selected more than one picture)
Dataset score variables: cpm13s1/2: 1=correct 0=wrong

## Match 14



Dataset score variables: cpm14s1/2: $1=$ correct $0=$ wrong

## Match 15

```
cpm151/2
pm15
```

1


$$
5 \text { = invalid response (e.g. selected more than one picture) }
$$

```
Dataset score variables: cpm15s1/2: 1=correct 0=wrong
```


## Match 16

```
cpm161/2
pm16
```



1


2


3


4


```
\[
5 \text { = invalid response (e.g. selected more than one picture) }
\]
Dataset score variables: cpm16s1/2: \(1=\) correct \(0=w r o n g\)
```


## YOUR CHILD PLAYING OUR GAMES

Please tell us about how your child reacted to the Matching game you have just played with him/her.
(PLEASE TICK ONE BOX FOR EACH QUESTION)
YES NO
1)

> Did your child EVER say anything like "I can't do it" or "I don't like this" while playing the game? cpmrep11/2
2)

| Did your child EVER get angry or frustrated while |
| :--- |
| playing the game? cpmrep21/2 |

pmrep210
3) Did your child EVER shrug his/her shoulders, turn pmrep310 away from the game, or try not to look at you or the game? cpmrep31/2
4) Did your child EVER want to stop playing the game? cpmrep41/2

TODAY'S DATE $\qquad$
(If a date was originally recorded here, it has been used to estimate the booklet date shown at the start of the Find the Pair activity above.)

## YOUR CHILD'S HEALTH

We would like to know how your child's health has been IN THE LAST 12 MONTHS.
Please tick a box, "YES" or "NO" for each of the questions.
Does your child have problems with: YES NO

1) Coughs? cprocou1/2 ch01 $\quad \square_{1} \square_{0}$
2) | Asthma or wheezing? cproast1/2 ch02 | $\square 1 \quad \square \quad 0$ |
| :--- | :--- |
3) |  | Fits (a spell, convulsion or other attack that a doctor has called a fit)? | $\square 1 \quad \square 0$ |
| :--- | :--- | :--- |
4) Eyesight? cproeye1/2 ch04 $\quad \square \square_{0}$
5) |  | Skin problems (rash, spots or eczema)? cproski1/2 ch05 | $\square 1 \quad \square 0$ |
| :--- | :--- | :--- |
6) | Stomachaches? cprosto1/2 ch06 | $\square 1 \quad \square 0$ |
| :--- | :--- |
7) | Sickness or vomiting? cprovom1/2 ch07 | $\square 1 \quad \square 0$ |
| :--- | :--- |
8) | Severe headaches? cprohd1/2 ch08 | $\square 1 \quad \square 0$ |
| :--- | :--- |
9) 
10) Weakness or paralysis of arms or legs?
11) Does your child have any known learning disability that makes him/her different from other children? cld1/2 ch11

## YES $1 \quad \square$ NO $0 \quad \square$ DON'T KNOW 2

 If YES, please describe (Text responses were not recorded)12) Has your child been seen by your doctor (G.P) in the last 12 months? cseengp1/2 $\square$ YES 1 NO 0 ch12
If YES, how many times was s /he seen? ch12n (free numeric) cseengx1/2 categories: 1, 2, 3, 4, 5=5-6, 6=7-10, 7=11+ times
13) Has your child been admitted to hospital (to stay over night) in the last 12 months? chosp1/2 ch13

YES 1
NO 0
If YES, how many times was this? ch13n (free numeric)
chospx1/2 categories: 1=1, 2=2, 3=3+ times
How long (in days) was the longest stay in hospital? ch13dd (free numeric) chospdd1/2 categories: $1=1,2=2,3=3-4,4=5+$ days
14) Has your child been to hospital casualty in the last 12 months? chospca1/2 ch14

## YES 1

NO 0
If YES, how many times was this? ch14n (free numeric) chospcx $1 / 2$ categories: $1=1,2=2,3=3+$ times
15)

```
Has your child had a surgical operation in the last 12 months?
YES 1
If YES, at what age was the first operation? ch15yy years ch15mm months (numeric) csurage1/2 categories: \(1=24-27,2=28-30,3=31-33,4=34-36\) months old
What was it for? (PLEASE DESCRIBE) (Text responses were not recorded)
Did it require general anaesthetic? csurgga1/2 ch15ga
\(\square\) YES 1
\(\square\) NO 0
How many operations requiring general anaesthetic has your child had since? ch15gn (numeric)
csurggx1/2 categories: \(0=0,1=1,2=2\) or more (ops with GA)
```

                                    csurgry1/2 ch15
    
## YOUR CHILD'S DIET

These questions are about your child's eating patterns. Please tick one box for each statement.

|  |  | Disagree | Slightly disagree | Do not agree or disagree | Slightly agree | Agree |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1) | When my child does not finish dinner, s/he should not get dessert. ccd011/2 cd01 | $\square 1$ | $\square 2$ | $\square 3$ | $\square 4$ | $\square 5$ |
| 2) | My child should always eat all of the food on his/her plate. ccd021/2 cd02 | $\square 1$ | $\square 2$ | $\square 3$ | $\square 4$ | $\square 5$ |
| 3) | Generally, my child should only be allowed to eat at set mealtimes. ccd031/2 cd03 | $\square 1$ | $\square 2$ | $\square 3$ | $\square 4$ | $\square 5$ |
| 4) | My child often has to be strongly encoura-ged to eat things $s$ /he doesn't like because those foods are often good for him/her. ccd041/2 cd04 | $\square 1$ | $\square 2$ | $\square 3$ | $\square 4$ | $\square 5$ |
| 5) | My child should be told off for playing or fiddling with food. ccd051/2 cd05 | $\square 1$ | $\square 2$ | $\square 3$ | $\square 4$ | $\square 5$ |
| 6) | I have to be especially careful to make sure my child eats enough. ccd0 61/2 cd06 | $\square 1$ | $\square 2$ | $\square 3$ | $\square 4$ | $\square 5$ |
| 7) | Generally, it is OK for my child to snack and I don't worry about it. ccd071/2 cd07 | $\square 1$ | $\square 2$ | $\square 3$ | $\square 4$ | $\square 5$ |



What is his/her father's present weight?
... st ..... lb OR $\ldots . . \mathrm{kg} \quad \ldots . \mathrm{g}$
cdfwtkg cfwtkg (weight in kg)
What is his/her father's present height?
...ft $\ldots .$. in
cdfhtcm cfhtcm (height in cm )

In the original paper booklet, as shown, heights and weights were recorded in a variety of imperial and metric units. Subsequently, the raw data were converted into uniform metric units: weights in kilograms (decimal values with one decimal place; and heights in centimetres (integer values).
Because parent heights and weights were recorded in the twin booklets, they are duplicated in the raw data (two measurements per parent). After cleaning and comparing, these have been converted into a single height and weight measurement for each mother and father (not double entered like the twin measurements).
$\qquad$
(If a date was originally recorded here, it has been used to estimate the booklet date shown at the start of the Find the Pair activity above.)

## YOUR CHILD AT HOME

Here are some descriptions of children. Please tick the box that best describes your child. If you think the statement is TRUE of your child, please tick the box under "certainly true". If the statement describes your child SOMETIMES, then tick the box under "sometimes true". If the sentence is NOT TRUE of your child, then please tick the box under "not true". These descriptions are aimed at children aged five or younger, so some of them may seem not to apply to your child, but please try and answer all of them as best you can.
Behaviour items in this section are named with a prefix according to measure, and numbered for comparability with the same items at other ages:

- Anxiety/ARBQ items ('canx') are numbered as at ages 4, 7, 9 and 16.
- Hyperactivity items ('chyp') are numbered as at ages 4, 7 and 9.
- Behar items ('cbeh') are numbered as at ages 2 and 4.

All items on this and the next page have the following responses and coding:

| Response: | Certainly true | Sometimes true | Not true |
| :--- | :--- | :--- | :--- |
| Raw data coding: | 1 | 2 | 3 |
| Dataset coding: | 2 | 1 | 0 |


|  |  | Dataset <br> variable | Raw data variable |
| :---: | :---: | :---: | :---: |
| 1) | Tries to be fair in games | cbeh011/2 | bh01 |
| 2) | Restless, runs about or jumps up and down. Doesn't keep still | cbeh021/2 | bh02 |
| 3) | Considerate of other people's feelings | cbeh031/2 | bh03 |
| 4) | Squirmy, fidgety | cbeh041/2 | bh04 |
| 5) | Destroys own or other's belongings | cbeh051/2 | bh05 |
| 6) | Strongly refuses or resists sleeping alone | canx201/2 | bh06 |
| 7) | Spontaneously affectionate to family members | cbeh061/2 | bh07 |
| 8) | Has difficulty completing one activity before changing to another | chyp11/2 | bh08 |
| 9) | Fights with other children | cbeh071/2 | bh09 |
| 10) | Not much liked by other children | cbeh081/2 | bh10 |
| 11) | Volunteers to help around the house or garden | cbeh091/2 | bh11 |
| 12) | Touches things $s / h e$ is not allowed to | chyp31/2 | bh12 |
| 13) | Is worried, worries about many things | cbeh101/2 | bh13 |
| 14) | Tends to do things on own, rather solitary | cbeh111/2 | bh14 |
| 15) | Irritable, quick to fly off the handle | cbeh121/2 | bh15 |
| 16) | Will try to help someone who has been hurt | cbeh131/2 | bh16 |
| 17) | Appears miserable, unhappy tearful or distressed | cbeh141/2 | bh17 |
| 18) | Has twitches, mannerisms, or tics of the face and body | cbeh151/2 | bh18 |
| 19) | Bites nails or fingers | cbeh161/2 | bh19 |
| 20) | Is disobedient | cbeh171/2 | bh20 |
| 21) | Kind to younger children | cbeh181/2 | bh21 |
| 22) | Often complains of stomachaches, headaches or feeling sick | cbeh441/2 | bh22 |
| 23) | Has poor concentration, or short attention span | cbeh191/2 | bh23 |
| 24) | Tends to be afraid of new things or new situations | cbeh201/2 | bh24 |


| Response: | Certainly true | Sometimes true | Not true |
| :--- | :--- | :--- | :--- |
| Raw data coding: | 1 | 2 | 3 |
| Dataset coding: | 2 | 1 | 0 |


| 25) | Helps other children who are feeling ill | Dataset variable cbeh211/2 | Raw data variable bh25 |
| :---: | :---: | :---: | :---: |
| 26) | Fussy, or over particular | cbeh221/2 | bh26 |
| 27) | Tells lies | cbeh231/2 | bh27 |
| 28) | Has wet or soiled self this year | cbeh241/2 | bh28 |
| 29) | Comforts a child who is upset | cbeh251/2 | bh29 |
| 30) | Is often extremely upset or distressed when parent leaves | canx161/2 | bh30 |
| 31) | Has stutter or stammer | cbeh261/2 | bh31 |
| 32) | Has other speech difficulty | cbeh271/2 | bh32 |
| 33) | Plays imaginatively, enjoys 'pretend' games | cbeh281/2 | bh33 |
| 34) | Is extremely afraid of day to day things such as the dark, water, animals, blood | canx221/2 | bh34 |
| 35) | Bullies other children | cbeh291/2 | bh35 |
| 36) | Inattentive | cbeh301/2 | bh36 |
| 37) | Gets on well with other children | cbeh311/2 | bh37 |
| 38) | Has difficulty waiting for things | chyp21/2 | bh38 |
| 39) | Tends to be shy or timid | canx071/2 | bh39 |
| 40) | Doesn't share toys | cbeh321/2 | bh40 |
| 41) | Cries easily | cbeh331/2 | bh41 |
| 42) | Forceful, determined child | cbeh341/2 | bh42 |
| 43) | Blames others for things | cbeh351/2 | bh43 |
| 44) | Shares out treats with friends | cbeh361/2 | bh44 |
| 45) | Takes a long time to warm to strangers | canx021/2 | bh45 |
| 46) | Gives up easily | cbeh371/2 | bh46 |
| 47) | Inconsiderate of others | cbeh381/2 | bh47 |
| 48) | Independent, confident child | cbeh391/2 | bh48 |
| 49) | Kicks, bites other children | cbeh401/2 | bh49 |
| 50) | Kind to animals | cbeh411/2 | bh50 |
| 51) | Stares into space, stares blankly | cbeh421/2 | bh51 |
| 52) | Tries to stop quarrels and fights | cbeh431/2 | bh52 |

TODAY'S DATE $\qquad$ ./......./.
(If a date was originally recorded here, it has been used to estimate the booklet date shown at the start of the Find the Pair activity above.)

## YOUR CHILD AT PLAY

As a parent, you have a good idea of what your child can and can't do. Listed below are a number of activities. Please indicate whether or not your child can do the activity. If you have seen your child do the activity (or something similar), then tick the box under "YES". If you know that your child would not be able to do it, then tick the box under "NO". If you are not sure whether or not your child can do an activity, please feel free to try it out with your child. If you are still uncertain about whether or not your child can do it, then tick the box under "DON'T KNOW".

Please remember that the questions are for children up to 5 years old. Some will be easy for your child, others may be difficult.

For each item in this section, "don't know" responses were recoded to 0 (as for No responses), for the purposes of scoring in dataset variables.

|  | YES | NO | DON'T |
| :--- | :---: | :---: | :---: |
| Raw data coding: | 1 | 0 | 2 |
| Kataset coding: | 1 | 0 | 0 |

1) Can your child put together, by him/herself, a jigsaw puzzle or something similar where the pieces fit together? cpr011/2 pr01
2) If so, can $\mathbf{s} /$ he do this for a puzzle with ten or more pieces? cpr021/2 pr02
3) Does your child build things with bricks (other than a tower) such as a house or a bridge?
cpr031/2 pr03
4) 

Does your child ever put beads or bricks in a pattern such as blue-red-blue-red-blue-red?
cpr041/2 pr04
5) Can your child ever tell the time from a clock or watch that has hands?
cpr051/2 pr05
6)

Can your child draw a more or less straight line on paper? cpr061/2 pr06
7) Does your child draw simple pictures that other people can recognise, such as a person, house or car?
cpr071/2 pr07
8)

When your child draws a picture of a "person", does it usually include at least three of the following: a head, eyes, a nose, a mouth, hair, a body, arms, or legs? cpr081/2 pr08
Does your child ever pretend that one object, such as a block, is another object, such as a car or a telephone? cpr091/2 pr09
10)

Does your child ever pretend that two toys (like dolls, action figures or fantasy figures) are playing together, or are talking to each other, or one is feeding the other? cpr101/2 pr10

|  |  | YES | NO | DON'T <br> KNOW |
| :---: | :---: | :---: | :---: | :---: |
|  | Raw data coding: | 1 | 0 | 2 |
|  | Dataset coding: | 1 | 0 | 0 |
| 11) | Does your child ever play pretend games with another child, pretending to be someone else, such as a parent, firefighter, or nurse? <br> cpr111/2 pr11 |  |  |  |
| 12) | Does your child ever play any game with another child that involves taking turns? <br> cpr121/2 pr12 |  |  |  |
| 13) | When your child plays a game with anyone, does s/he have trouble waiting for his/her turn? <br> cpr131/2 pr13 |  |  |  |
| 14) | Does your child ever show you (by words or another way) that something is missing from its usual place, such as a toy, shoes or a household object? <br> cpr141/2 pr14 |  |  |  |
| 15) | Does your child ever put aside a biscuit (or other snack) for later, on his/her own? <br> cpr151/2 pr15 |  |  |  |
| 16) | Have you ever seen your child gather three or more toys before beginning to play with them? <br> cpr161/2 pr16 |  |  |  |
| 17) | Have you ever seen your child put things (bricks, other toys) into groups or piles that go together on his/her own? cpr171/2 pr17 |  |  |  |
| 18) | Have you seen your child put things of the same colour into groups or piles that go together on his/her own? cpr181/2 pr18 |  |  |  |
| 19) | Is your child fair when sharing out biscuits or sweets, that is, giving each person an equal number? <br> cpr191/2 pr19 |  |  |  |
| 20) | Does your child frequently change the games or activities while s/he plays? <br> cpr201/2 pr20 |  |  |  |
| 21) | Can your child correctly make a group of six sweets or pennies? <br> cpr211/2 pr21 |  |  |  |
| 22) | Can your child do a simple sum? For example, does s/he know that $\mathbf{2}$ sweets and 2 sweets make 4 sweets? <br> cpr221/2 pr22 |  |  |  |
| 23) | Does your child stay away from common dangers, such as a hot oven, or the street? <br> cpr231/2 pr23 |  |  |  |
| 24) | Does your child recognise him/herself when looking in the mirror? <br> cpr241/2 pr24 |  |  |  |

TODAY'S DATE $\qquad$
(If a date was originally recorded here, it has been used to estimate the booklet date shown at the start of the Find the Pair activity above.)

## WHAT YOUR CHILD CAN SAY

Children understand many more words than they say. We are particularly interested in words your child says. Please tick the words from the list below that you have heard your child say. If your child uses a different pronunciation of a word - for example "tamp" for stamp, or "tootball" for "football" - tick it anyway. This is only a sample of words. Your child may know many other words not on this list.
Please note: if your child is not talking yet, or if $s /$ he is talking, but you can not understand, please tick this box $\square$ and turn straight to page 9. voc000 cvc0001/2: 1=yes (ticked), 0=no

The following 100 items have numbered variable names from cvc0011/2 voc001
up to cvc1001/2 voc100.
Each item is coded as $1=y e s$ (ticked), $0=$ no (not ticked), both in the raw data and in the dataset. Numbering of items goes from left to right then from top to bottom on the page. The first column shows the number of the first item in each row The first few and the last few variable names are shown for illustration.

| 1 | $\square$ dinosaur cvc0011/2 voc001 | glass cvc0021/2 voc002 | $\square$ catch cvc0031/2 voc003 | $\square$ peculiar cvc0041/2 voc004 |
| :---: | :---: | :---: | :---: | :---: |
| 5 | donkey cvc0051/2 voc005 | $\square$ jar cvc0061/2 voc006 | $\square$ drop | $\square$ before |
| 9 | $\square$ reindeer | $\square$ ladder | $\square$ fasten | $\square$ then |
| 13 | $\square$ castle | $\square$ material | $\square$ forget/forgot | $\square$ today |
| 17 | $\square$ drum | $\square$ stamp | $\square$ hate | $\square$ week |
| 21 | $\square$ football | $\square$ tyre | $\square$ hurry | $\square$ yesterday |
| 25 | $\square$ microscope | $\square$ furniture | $\square$ leave | $\square$ their |
| 29 | $\square$ tricycle | $\square$ kitchen | $\square$ measure | $\square$ they |
| 33 | $\square$ kite | $\square$ settee/sofa | $\square$ peel | $\square$ those |
| 37 | $\square$ trolley | $\square$ cloud | $\square$ promise | $\square$ yourself |
| 41 | $\square$ lemon | $\square$ fence | $\square$ skate | $\square$ why |
| 45 | $\square$ peanut | $\square$ hose/hose-pipe | $\square$ sneeze | $\square$ about |
| 49 | $\square$ cream cracker | $\square$ pavement | $\square$ somersault | $\square$ above |
| 53 | $\square$ salt | $\square$ zoo | $\square$ think | $\square$ away |
| 57 | $\square$ sauce | $\square$ child | $\square$ black | $\square$ between |
| 61 | $\square$ vanilla | $\square$ cowboy | $\square$ bored | $\square$ on top of |
| 65 | $\square$ vegetable | $\square$ family | $\square$ deep | $\square$ each |
| 69 | $\square$ beads | $\square$ farmer | $\square$ different | $\square$ every |
| 73 | $\square$ jeans | $\square$ nobody | $\square$ empty | $\square$ none |
| 77 | $\square$ elbow | $\square$ nurse | $\square$ expensive | $\square$ might |
| 81 | $\square$ (finger) nail | $\square$ accident | $\square$ fine | $\square$ need to |
| 85 | $\square$ thumb | $\square$ circle | $\square$ half | $\square$ were |
| 89 | $\square$ plaster/bandage | $\square$ front | $\square$ long | $\square$ although |
| 93 | $\square$ blade | $\square$ idea | $\square$ lost cvc0951/2 voc095 | $\square$ because cvc0961/2 voc096 |
| 97 | $\square$ computer cvc0971/2 voc097 | $\square$ camping cvc0981/2 voc098 | $\square$ angry cvc0991/2 voc099 | however cvc1001/2 voc100 |

cs00s1/2 s00 (effectively recoded to
$1=y e s, 0=n o$ in the dataset variable)
Has your child begun to combine words yet, such as "'nother biscuit" or "doggie bite"?
often sometimes not yet
11
21

## HOW CHILDREN USE WORDS

For each of the following 12 items, the coding is:

|  | Response A (incorrect) | Response B (correct) |
| :--- | :---: | :---: |
| Raw data | 1 | 2 |
| Dataset | 0 | 1 |

For EACH PAIR of sentences below - A and B - tick the one that sounds MOST like the way your child talks at the moment, even if s/he would not say that EXACT sentence. If your child is saying sentences even more complicated than the two provided, TICK B.

1) (Talking about something that already happened) s01 cs01s1/2:

A $\square \quad$ Mummy pick me up $B \square$ Mummy picked me up s04 cs04s1/2:
4)

| A $\square$ | I like read stories |
| :--- | :---: |
| $\mathbf{B} \square$ | I like to read |
|  | stories |
| s07 | cs07s1/2: |
| $\mathbf{A} \square$ | He did it |
| $\mathbf{B} \square$ | I know who did it |
| s10 | cs10s1/2 : |
| $\mathbf{A} \square$ | This doll big |
| $\mathbf{B} \square$ | This doll big and <br>  |
| doll little |  |

2) 
3) 
4) 

 That my truck That's my truck

Don't read book
Don't want you read that book
s08 cs08s1/2:
$\mathrm{A} \square$
B
$\square$
We got to go now
I think we got to go now
s11 cs11s1/2:
s02 cs02s1/2: cs05s1/2:

A $\square$
This pig have a broken leg
$\mathrm{B} \square$ This pig have a leg but cat don't
s03 cs03s1/2:
3)Coffee hot

B $\square \quad$ That coffee hot
s06 cs06s1/2:
6) $\quad A \square \quad$ Why he run away?Why did he run away?
s09 cs09s1/2:
9)

A $\square$ I want truckI want truck like Billy has
12) $\mathbf{A} \square \quad$ It got brokenIt got broken by the car
13)

Does your child understand the meaning of "one"? If you ask for just one smartie or raisin, will your child give you only one and then stop? cwu011/2 wu01
14)

Does your child ask questions (with more than one word) that begin with "what or "where"? cwu021/2 wu02
15) Does your child ask questions (with more than word) that begin with "why" or "how"? cwu031/2 wu03
16) Does your child give reasons for things, using the word "because"? cwu041/2 wu04
17)

If you asked your child "What is a horse?", could he answer "an animal"? cwu051/2 wu05
18) ${ }^{\text {Can }}$ your child name simple shapes with the words "circle", "square" and "triangle"? cwu061/2 wu06
19) Does your child talk about things that "could" or "might" happen, such as "he could hurt himself if he's not careful"? cwu071/2 wu07
20) Does your child ever ask what a word means? cwu081/2 wu08
21) Can your child tell you which of two objects is larger if they were not present, for example when asked "which is bigger, a horse or a dog?" cwu091/2 wu09

22) | Does your child know his/her right hand from his/her left hand? |
| :--- | :--- | cwu101/2 wu10
23) Does your child use words that end in -est like "biggest" or "tallest"? cwu111/2 wu11
24) 

Can your child answer questions such as "what do you do when you are hungry?" or "what do you do when you are tired?" with answers that fit, such as "get food", "eat", "go to sleep" or "go to bed"? cwu121/2 wu12

## YOUR CHILD'S COMMUNICATION

1) 



Have you seen a professional for advice or treatment (for example doctor, speech therapist paediatrician, ear-nose-throat specialist)? cc01s ccc01s1/2 $\square$ YES $1 \square$ NO 0
2) Does your child use his/her index finger to show INTEREST in something, not just to ask for something (for example pointing to an aeroplane, animal or something on TV)? ccc021/2 cc02
$\square$ Often $1 \quad \square$ Sometimes $2 \quad \square$ Never 3
3) If you suddenly look up at something interesting, does your child follow your line of gaze to see what caught your attention? ccc031/2 cc03
Usually 1
$\square$ Sometimes 2
$\square$ Usually not 3
4) Does your child produce meaningless, but fluent and "tuneful" speech, so that it sounds a bit like a foreign language? $\operatorname{ccc} 041 / 2 \operatorname{cc} 04$
$\square$ Often 1
$\square$ Sometimes 2
$\square$ Never 3
5) Do your twins "talk" to each other in a language that other people cannot understand? ccc051/2 cc05

```
\square \mp@code { Y E S ~ 1 }
```

6) Does your child like to "echo" what other people say (for example, if you say "where is your coat?", s/he might say "your coat", rather than answering the question)? ccc061/2 cc06
$\square$ Often 1
Sometimes 2
$\square$ Never 3
7) Does your child like to recite nursery rhymes, or "jingles" from advertisements? ccc071/2 cc07
$\square$ YES, unusually often 1
YES, sometimes 2
NO 0
8) Has your child's language ever seemed to go into decline so that s/he no longer knows words that $\mathrm{s} / \mathrm{he}$ used before? $\operatorname{ccc} 081 / 2$ cc08

YES 1
$\square$ NO 0

## YOUR ACTIVE CHILD

The following questions are about the everyday things that your child does. They are in three sections and ask about what toys your child likes to play with, what kinds of games your child enjoys and what your child likes and dislikes during play.

Please answer all of the questions by ticking the box that best describes your child. Sometimes it may seem that the boxes do not describe your child exactly. If this is the case for any of the questions, please try to tick the box that is closest to the way that you would describe your child.

GAMES
How often during the past month did your child do the following?

|  | Very <br> Often | Often | Sometimes | Hardly <br> Ever | Never |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Raw data coding: | 1 | 2 | 3 | 4 | 5 |
| Dataset coding: | 5 | 4 | 3 | 2 | 1 |

1) Playing house (for example cleaning, cooking) cac011/2
2) Playing with girls cac021/2
3) Pretending to be a female character (for example a princess) cac031/2
4) Playing at having a "male" job ac01 (for example a soldier) cac041/2
5) 
6) Pretending to be a family character (for example parent) cac061/2
7) 

| Sports and ball games <br> cac071/2 | ac07 |
| :--- | :--- |

8) Climbing (for example fences, trees) cac081/2
9) Playing at taking care of babies cac091/2
10) Showing interest in real cars, trains and aeroplanes cac101/2
11) Dressing up in "girlish" clothes cac111/2

TOYS
How often during the past month did your child play with the following toys?

|  | Raw data coding: <br> Dataset coding: |  | Very Often 1 | Often 2 | Sometimes $3$ | Hardly Ever 4 | Never |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 5 | 4 | 3 | 2 | 1 |
| 12) | Guns (or using objects as guns) cac121/2 | ac12 |  |  |  |  |  |
| 13) | Jewellery cac131/2 | ac13 |  |  |  |  |  |
| 14) | Tool set cac141/2 | ac14 |  |  |  |  |  |
| 15) | Dolls, doll's clothes, or doll's pram cac151/2 | ac15 |  |  |  |  |  |
| 16) | Trains, cars or aeroplanes cac161/2 | ac16 |  |  |  |  |  |
| 17) | Swords (or using objects as swords) cac171/2 | ac17 |  |  |  |  |  |
| 18) | Tea set cac181/2 | ac18 |  |  |  |  |  |

## LIKES AND DISLIKES

How often does your child...?

|  | Very <br> Often | Often | Sometimes | Hardly <br> Ever | Never |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Raw data coding: | 1 | 2 | 3 | 4 | 5 |
| Dataset coding: | 5 | 4 | 3 | 2 | 1 |

19) 

| Like to explore new <br> surroundings cac191/2 | ac19 |
| :--- | :--- |
| Enjoy rough and tumble play <br> cac201/2 | ac20 |
| Show interest in snakes, <br> spiders or insects cac211/2 | ac21 |
| Avoid getting dirty cac221/2 | ac22 |
| Like pretty things cac231/2 | ac23 |
| Avoid taking risks cac241/2 | ac24 |

COMPLETE DATA ARE ESSENTIAL, PLEASE MAKE SURE THAT YOU HAVE COMPLETED AS MUCH OF THIS BOOK AS YOU CAN.

## THANK YOU FOR YOUR TIME AND EFFORT!

## TEDS

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When ALL THREE books are complete, please post them in the FREEPOST envelope provided.

If you can't find the envelope, please call us on our FREEFONE line, or use your own envelope and write our FREEPOST address on the front.

YOU DO NOT NEED A STAMP.


[^0]:    Please remember: we do NOT expect children of your child's age to be able to do all of the games. Try all of the games if you can. You may be surprised!

[^1]:    Coding rules for intersecting circles
    If all three criteria (i), (ii) and (iii) below are met, give 1 point. If one of (i) or (ii) or (iii) are not met give 0 points.

[^2]:    5 = invalid response

