

## 4 Year In Home Study

### Parent Questionnaire, coded for raw data

Entries in blue denote column/field names and values used in the raw data.

This document was created on 04 July 2007.

#### Notes:

1. For some items, the value codes used in the raw data may differ from the codes used in the final dataset
2. For all items, the variable names used in the raw data differ from the variable names used in the final dataset (starting with 'e')
3. In raw data generally, a 'missing' response is coded as -99 and 'not applicable' is coded as -77. These universal codes are not shown for every item in this document, for reasons of space. (Note that in the analysis dataset these are recoded to missing values.)
4. Nearly all the data entered in this questionnaire are coded numeric responses based on tick boxes; there is also one item where a date value is recorded, and another item where a free numeric response is recorded (where the parent was asked to write a number).
5. Most of the data in this questionnaire is specific to the parent or to the family. There are just a few twin-specific items, in the Toys and Games section. In the raw data, as in the original paper questionnaire, the twin-specific items refer explicitly to the first-born and second-born twin. However in the analysis dataset, the twin-specific data are re-structured for double-entry; this is fully documented elsewhere.
6. This document only shows raw item data, not variables derived from the items
7. Free text responses in this booklet have NOT been taken up in the electronic raw data.
8. The layout and formatting of the pages of the booklet have been slightly modified to incorporate the variable names and codes.

The variable names shown in this document refer to column names in the 'Parent' table in the Access database 'inhome.mdb'.

## CONSENT FORM

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Family ID

`familyid (integer, unique family identifier)`

TwinAID:

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TwinBID

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Date of Test:

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Comments:

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If you and your twins would like to take part in this stage of TEDS it is important that you sign this form. As in all research we can only involve you if you sign.

When you sign this form, you are agreeing for us to visit you and your twins at home with some tests of their early development.

.....

Your first name .....

Your last name .....

Relationship to the twins (e.g. mother, guardian etc.) .....

Your address .....

.....

..... Postcode 

|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|

Your telephone number .....

First born twin's name .....

First born twin's last name .....

First born twin's date of birth ..... / ..... / ..... (day/month/year)

Second born twin's name .....

Second born twin's last name .....

Second born twin's date of birth ..... / ..... / ..... (day/month/year)

**YES, I agree to myself and my twins taking part in this stage of TEDS, the Twins' Early Development Study. I understand that we can withdraw from the study at any time, and that all information will be keep strictly confidential.**

Signature psign: -1=signed,  
0=not signed

Date ..... / ..... / ..... (day/month/year)

psigndt (date value)

## PLAY & TOYS

The following questions ask you about where your twins play and what sort of toys your twins play with. It would be great if we could also see some of the children's play materials and play areas. Please do not hesitate to ask about anything you do not understand.

### 1. PLACES TO PLAY INDOORS

- a) **Where do the children *usually* play indoors?** [plt01a](#)  
☐ kitchen [1](#)    ☐ sitting room [2](#)    ☐ bedroom [3](#)    ☐ other family room [4](#)
- b) **How easy is it to keep an eye on the children while they are playing there?** [plt01b](#)  
☐ very easy [1](#)    ☐ fairly easy [2](#)    ☐ somewhat difficult [3](#)    ☐ very difficult [4](#)
- c) **Are you happy with having them play there?** [plt01c](#)  
☐ very happy [1](#)    ☐ fairly happy [2](#)    ☐ a bit unhappy [3](#)    ☐ very unhappy [4](#)
- d) **How many things are there that the children might break (like china or delicate objects)?** [plt01d](#)  
☐ many things [1](#)    ☐ a few things [2](#)    ☐ almost nothing [3](#)
- e) **How many things are there that that might be dangerous for the children (like electrical equipment, matches, sharp tools or things that might fall on them)?** [plt01e](#)  
☐ many things [1](#)    ☐ a few things [2](#)    ☐ almost nothing [3](#)

### 2. PLACES TO PLAY OUTDOORS

- a) **Where do the children *usually* play outdoors?** [plt02a](#)  
☐ your own garden [1](#)    ☐ a shared garden [2](#)    ☐ general public space, eg. a local park [3](#)
- b) **How often do they play there in good weather?** [plt02b](#)  
☐ daily [1](#)    ☐ at least once a week [2](#)    ☐ at least 4 times a week [3](#)    ☐ less than once a week [4](#)
- c) **Does this place have fences or walls so that the children can't get out and other people can't get in?** [plt02c](#)  
[1](#) ☐ Yes, the area is completely enclosed  
[2](#) ☐ the area is partly enclosed  
[3](#) ☐ the area is completely open

d) **In this area, what things are there for them to play with?** (PLEASE TICK ALL THAT APPLY)

all coded as 1=yes (ticked), 0=no

- ☐ swings [plt02dsw](#) ☐ slide [plt02dsl](#)  
☐ sandpit [plt02dsa](#) ☐ climbing frame [plt02dcl](#)  
☐ tricycles or other toys with wheels [plt02dtr](#)  
☐ other [plt02do](#) (please describe): (text not taken up)

e) **How safe is it for the children to play there on their own?** [plt02e](#)

- ☐ very safe 1 ☐ fairly safe 2 ☐ bedroom 3 ☐ not at all safe 4

f) **How easy is it for you to keep an eye on the children when they play there?**

[plt02f](#)

- ☐ very easy 1 ☐ fairly easy 2 ☐ not very easy 3 ☐ not at all easy 4

3.

### TOYS AND GAMES

a) **In the last month, how often did your 1st born twin do the following things in play?** (PLEASE TICK ONE CHOICE FOR EACH ACTIVITY)

**exercise and sport like running, jumping, climbing** [plt03aex](#)

- ☐ most of the time 1 ☐ some of the time 2 ☐ a little 3 ☐ hardly or not at all 4

**pretend play (with other people or with toys)** [plt03apr](#)

- ☐ most of the time 1 ☐ some of the time 2 ☐ a little 3 ☐ hardly or not at all 4

**making or building thing like puzzles or Lego** [plt03ama](#)

- ☐ most of the time 1 ☐ some of the time 2 ☐ a little 3 ☐ hardly or not at all 4

**drawing or colouring** [plt03adr](#)

- ☐ most of the time 1 ☐ some of the time 2 ☐ a little 3 ☐ hardly or not at all 4

**listening to stories** [plt03ali](#)

- ☐ most of the time 1 ☐ some of the time 2 ☐ a little 3 ☐ hardly or not at all 4

b) **In the last month, how often did your 2nd born twin do the following things in play?** (PLEASE TICK ONE CHOICE FOR EACH ACTIVITY)

**exercise and sport like running, jumping, climbing** [plt03bex](#)

- ☐ most of the time 1 ☐ some of the time 2 ☐ a little 3 ☐ hardly or not at all 4

**pretend play (with other people or with toys)** [plt03bpr](#)

- ☐ most of the time 1 ☐ some of the time 2 ☐ a little 3 ☐ hardly or not at all 4

**making or building thing like puzzles or Lego** [plt03bma](#)

- ☐ most of the time 1 ☐ some of the time 2 ☐ a little 3 ☐ hardly or not at all 4

**drawing or colouring** [plt03bdr](#)

- ☐ most of the time 1 ☐ some of the time 2 ☐ a little 3 ☐ hardly or not at all 4

**listening to stories** [plt03bli](#)

- ☐ most of the time 1 ☐ some of the time 2 ☐ a little 3 ☐ hardly or not at all 4

- c) **Do the twins have any jigsaw puzzles?** plt03c  
☐ no 0    ☐ yes 1    if yes, about how many ? plt03cn (integer, free numeric, 1 or more)

- d) **Do the twins have their own equipment for drawing and colouring like paper, crayons, markers, scissors?** plt03d  
☐ none in the house 1    ☐ only some and shared with everyone 2  
☐ yes, for the twins to share 3    ☐ each twin has his/her own 4

- e) **Do the twins have their own equipment for building things, like blocks?** plt03e  
☐ none in the house 1    ☐ only some and shared with everyone 2  
☐ yes, for the twins to share 3    ☐ each twin has his/her own 4

- f) **Do the twins have their own equipment for pretend play, like dolls or action men, teacups, telephones, doctor's kits?** plt03f  
☐ none in the house 1    ☐ only some and shared with everyone 2  
☐ yes, for the twins to share 3    ☐ each twin has his/her own 4

- g) **Do you think that you have about the right amount of toys for the twins?**

(PLEASE TICK ONE CHOICE FOR EACH ACTIVITY)

**pretend play** plt03gpr

- ☐ definitely not enough 1    ☐ probably not enough 2  
☐ probably enough 3    ☐ definitely enough/more than enough 4

**making or building things like puzzles or Lego** plt03gma

- ☐ definitely not enough 1    ☐ probably not enough 2  
☐ probably enough 3    ☐ definitely enough/more than enough 4

**drawing or colouring** plt03gdr

- ☐ definitely not enough 1    ☐ probably not enough 2  
☐ probably enough 3    ☐ definitely enough/more than enough 4

**books** plt03gbo

- ☐ definitely not enough 1    ☐ probably not enough 2  
☐ probably enough 3    ☐ definitely enough/more than enough 4

- h) **Do you think that the toys and games you have for the twins are right for their age and development?** (PLEASE TICK ONE CHOICE FOR EACH ACTIVITY)

**pretend play** plt03hpr

- ☐ mostly too old 1    ☐ mostly about the right age 2    ☐ mostly too young 3

**making or building things like puzzles or Lego** plt03hma

- ☐ mostly too old 1    ☐ mostly about the right age 2    ☐ mostly too young 3

**drawing or colouring** plt03hdr

- ☐ mostly too old 1    ☐ mostly about the right age 2    ☐ mostly too young 3

**books** plt03hbo

- ☐ mostly too old 1    ☐ mostly about the right age 2    ☐ mostly too young 3

## THE HOME ENVIRONMENT

A big part of TEDS is looking at language development. It would help us if we had a measure of the home language environment in which the twins live. It would be great if you would answer the following 50 multiple choice questions.

Each question starts with a word in **bold**. Next to the bold word are four other words. What we would like you to do is to pick one of the four words which means the same or nearly the same as the word in bold. Do not spend too long on each item, often the first word you think of is the right answer.

For example:

The bold word at the start of the line is **big**. The word "large" has been circled because it means the same, or nearly the same as "big".

|    |            |     |   |      |      |
|----|------------|-----|---|------|------|
| 1) | <b>big</b> | ill | <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">large</span> | down | sour |
|----|------------|-----|---|------|------|

Now you have a go:

The bold word in the next line is **ancient**. Circle one of the other words that means the same or nearly the same as "ancient".

|    |                |     |      |       |     |
|----|----------------|-----|------|-------|-----|
| 1) | <b>ancient</b> | dry | long | happy | old |
|----|----------------|-----|------|-------|-----|

You should have circled "old" because it means the same or nearly the same as "ancient".

For the following items, circle the word which means the same or nearly the same as the word in **bold**. Please choose only *one* word for each line.

|     | coding:                 | 1            | 2          | 3            | 4           |
|-----|-------------------------|--------------|------------|--------------|-------------|
| 1)  | <b>moist</b> pvc01      | curt         | humane     | damp         | moderate    |
| 2)  | <b>quick</b> pvc02      | major        | hasty      | narrow       | vigorous    |
| 3)  | <b>annual</b> pvc03     | variable     | yearly     | listless     | untenable   |
| 4)  | <b>splendid</b> pvc04   | expansive    | gay        | rigid        | excellent   |
| 5)  | <b>customary</b> pvc05  | nocturnal    | radial     | prime        | usual       |
| 6)  | <b>fluid</b> pvc06      | livid        | dead       | liquid       | talkative   |
| 7)  | <b>idle</b> pvc07       | lazy         | cross      | wild         | useful      |
| 8)  | <b>deserted</b> pvc08   | drab         | absurd     | disturbed    | abandoned   |
| 9)  | <b>rare</b> pvc09       | holy         | crass      | infrequent   | weak        |
| 10) | <b>contented</b> pvc10  | nasty        | continuous | defamatory   | satisfied   |
| 11) | <b>enraged</b> pvc11    | pleasing     | poor       | angry        | domestic    |
| 12) | <b>beneficial</b> pvc12 | artificial   | tamable    | helpful      | piquant     |
| 13) | <b>mouldy</b> pvc13     | tonic        | musty      | shapeless    | mute        |
| 14) | <b>rasping</b> pvc14    | harsh        | minute     | kinaesthetic | marshy      |
| 15) | <b>dietary</b> pvc15    | diagrammatic | amorphous  | dietetic     | grammatical |
|     | coding:                 | 1            | 2          | 3            | 4           |

|     | coding:                   | 1           | 2             | 3           | 4            |
|-----|---------------------------|-------------|---------------|-------------|--------------|
| 16) | <b>sober</b> pvc16        | dirty       | cloudy        | serious     | fitting      |
| 17) | <b>droll</b> pvc17        | jolly       | odd           | foreign     | vigorous     |
| 18) | <b>stately</b> pvc18      | dignified   | thin          | digestible  | valid        |
| 19) | <b>disreputable</b> pvc19 | shameful    | horticultural | susceptible | excellent    |
| 20) | <b>genteel</b> pvc20      | wealthy     | urban         | polite      | ignorant     |
| 21) | <b>original</b> pvc21     | oral        | derelict      | first       | talkative    |
| 22) | <b>novel</b> pvc22        | expensive   | new           | gloomy      | radical      |
| 23) | <b>famous</b> pvc23       | celebrated  | faithful      | renewed     | nimble       |
| 24) | <b>systematic</b> pvc24   | laudatory   | orderly       | jubilant    | ambitious    |
| 25) | <b>fatigued</b> pvc25     | pliable     | grave         | weary       | fanatic      |
| 26) | <b>resplendent</b> pvc26  | phonetic    | tart          | brilliant   | fearless     |
| 27) | <b>generous</b> pvc27     | oblivious   | ardent        | liberal     | defiant      |
| 28) | <b>kingly</b> pvc28       | bland       | facial        | recent      | regal        |
| 29) | <b>flexible</b> pvc29     | pitiable    | formal        | pliant      | peaceful     |
| 30) | <b>sagacious</b> pvc30    | exotic      | apparent      | wise        | mild         |
| 31) | <b>heedless</b> pvc31     | patient     | eligible      | parallel    | rash         |
| 32) | <b>deficient</b> pvc32    | constant    | dreary        | lacking     | peculiar     |
| 33) | <b>vigilant</b> pvc33     | watchful    | indulgent     | valorous    | nascent      |
| 34) | <b>minimum</b> pvc34      | humid       | restricted    | tranquil    | least        |
| 35) | <b>gallant</b> pvc35      | chivalrous  | authentic     | treacherous | probable     |
| 36) | <b>giddy</b> pvc36        | feminine    | casual        | dizzy       | comical      |
| 37) | <b>discreet</b> pvc37     | caustic     | redolent      | honourable  | prudent      |
| 38) | <b>destined</b> pvc38     | simplified  | fated         | directional | lucky        |
| 39) | <b>eternal</b> pvc39      | momentous   | benign        | priceless   | perpetual    |
| 40) | <b>lavish</b> pvc40       | combined    | ribald        | worthy      | extravagant  |
| 41) | <b>defective</b> pvc41    | concealed   | mythical      | faulty      | external     |
| 42) | <b>vague</b> pvc42        | numb        | obscure       | indecent    | vermiculate  |
| 43) | <b>essential</b> pvc43    | classical   | indispensable | deplorable  | candid       |
| 44) | <b>impulsive</b> pvc44    | impetuous   | petrified     | immature    | compulsory   |
| 45) | <b>diffident</b> pvc45    | fabulous    | shy           | valuable    | alphabetical |
| 46) | <b>erroneous</b> pvc46    | solemn      | false         | ironic      | tragic       |
| 47) | <b>benevolent</b> pvc47   | kind        | native        | suitable    | modest       |
| 48) | <b>grimy</b> pvc48        | stern       | filthy        | grim        | colourful    |
| 49) | <b>lacerated</b> pvc49    | disgruntled | mangled       | fringed     | stricken     |
| 50) | <b>insolent</b> pvc50     | studious    | envious       | arrogant    | accidental   |
|     | coding:                   | 1           | 2             | 3           | 4            |