

## **CMQ ITEM LEVEL Release Codebook**

### **(Child Math Questionnaire for wave 4)**

[T] = twin Number (1 or 2)

#### **Sections:**

Math Background Q'aire (NAEP)

Child Homework Organization Questionnaire (Homework Organization Scale)

NOTE: If errors were discovered in item-level values for variables that were not to be included in general Release datasets, the item-level corrections were not made. In such cases, only Released variables, such as the raw scores or scaled scores, were corrected.

[T] = Twin 1 or 2

FID: \_\_\_\_\_ SID: \_\_\_\_\_

**MATH BACKGROUND QUESTIONNAIRE**

LMQ Release Codebook

Child's Name: \_\_\_\_\_

Date: MDATE [T]

1. Do you have a computer at home that you use? MCMPHM [T]
  - 1 = Yes
  - 2 = No
2. Does your family get any newspapers or magazines regularly? MFNPMGI [T]
  - 1 = Yes
  - 2 = No
  - 3 = Don't know
3. On a school day, how many hours do you usually watch TV/videos/DVDs or play video games (e.g. Gameboy, Play Station, X-box, etc.) outside of school? MSCHTV [T]
  - 1 = None
  - 2 = One Hour or less
  - 3 = 2 or 3 hours
  - 4 = More than 3 hours
4. How many books do you have at home? MBKHOM [T]
  - 1 = Few (0 to 10)
  - 2 = Enough to fill one shelf (11-25)
  - 3 = Enough to fill one bookcase (26-100)
  - 4 = Enough to fill several bookcases (more than 100)
5. How often do you talk about things you have studied in school with someone in your family? MDSTUD [T]
  - 1 = Never or hardly ever
  - 2 = Once every week
  - 3 = About once a week
  - 4 = Two or three times a week
  - 5 = Every Day

6. In school, how often do you do math problems from textbooks? (Refer to Scale A)

MMPTEX [T]

1 = Never or hardly ever

2 = Once or twice a month

3 = Once or twice a week

4 = Almost every day

7. In school, how often do you solve math problems with a partner or in small groups? (Scale A) MMGRP [T]

1 = Never or hardly ever

2 = Once or twice a month

3 = Once or twice a week

4 = Almost every day

8. In school, how often do you work with objects like rulers, counting blocks, or stopwatches? (Scale A) MCHSOB [T]

1 = Never or hardly ever

2 = Once or twice a month

3 = Once or twice a week

4 = Almost every day

9. In school, how often do you talk with other students during class about how you solved a math problem? (Scale A) MTLKM [T]

1 = Never or hardly ever

2 = Once or twice a month

3 = Once or twice a week

4 = Almost every day

10. How much time do you usually spend each day on math homework

1 = None

2 = 15 minutes

3 = 30 minutes

4 = 45 minutes or more

MHW DY [T]

11. How often do you talk with your friends or family about something that you've read? (Scale A) *MTLKR[T]*

1 = Never or hardly ever

2 = Once or twice a month

3 = Once or twice a week

4 = Almost every day

12. How often do you read stories or poems for fun outside of school? (Scale A)

1 = Never or hardly ever

*MRDFUN[T]*

2 = Once or twice a month

3 = Once or twice a week

4 = Almost every day

13. How many pages a day do you read inside school? *MPDYSC[T]*

1 = None

2 = 1-5

3 = 6-10

4 = More than 10

14. How many pages a day do you read outside of school? *MPDYOS[T]*

1 = None

2 = 1-5

3 = 6-10

4 = More than 10

15. In class, how often do you have to talk about something that you have read?

(Scale A) *MTLKR[D]*

1 = Never or hardly ever

2 = Once or twice a month

3 = Once or twice a week

4 = Almost every day

16. In class, how often do you write about something that you have read? (Scale A)

1 = Never or hardly ever

*MWRTRD[T]*

2 = Once or twice a month

3 = Once or twice a week

4 = Almost every day

17. How much do you like solving number and money problems? (Refer to Scale B)

- 1 = Don't like it at all
- 2 = Don't like it
- 3 = It's OK
- 4 = Do like it
- 5 = Like it very much

MSLNMP [I]

18. How much do you like doing math problems in your head? (Scale B) MPBHEA [I]

- 1 = Don't like it at all
- 2 = Don't like it
- 3 = It's OK
- 4 = Do like it
- 5 = Like it very much

19. How much do you like multiplying and dividing? (Scale B) MMLTD [I]

- 1 = Don't like it at all
- 2 = Don't like it
- 3 = It's OK
- 4 = Do like it
- 5 = Like it very much

20. How good are you at solving number and money problems? (Refer to Scale C)

- 1 = Not at all good
- 2 = Not so good
- 3 = Doing OK
- 4 = Pretty good
- 5 = Very good

MNPGOO [I]

21. How good are you at doing math problems in your head? (Scale C) MMPBHD [I]

- 1 = Not at all good
- 2 = Not so good
- 3 = Doing OK
- 4 = Pretty good
- 5 = Very good

22. How good are you at multiplying and dividing? (Scale C) MMTDGD [T]

- 1 = Not at all good
- 2 = Not so good
- 3 = Doing OK
- 4 = Pretty good
- 5 = Very good

23. How much do you like reading? (Scale B) MLIKDG [T]

- 1 = Don't like it at all
- 2 = Don't like it
- 3 = It's OK
- 4 = Do like it
- 5 = Like it very much

24. How much do you like spelling? (Scale B) MLIKES [T]

- 1 = Don't like it at all
- 2 = Don't like it
- 3 = It's OK
- 4 = Do like it
- 5 = Like it very much

25. How much do you like writing stories or poems? (Scale B) MLIKST [T]

- 1 = Don't like it at all
- 2 = Don't like it
- 3 = It's OK
- 4 = Do like it
- 5 = Like it very much

26. How good are you at reading? (Scale C) MRDGSK [T]

- 1 = Not at all good
- 2 = Not so good
- 3 = Doing OK
- 4 = Pretty good
- 5 = Very good

27. How good are you at spelling? (Scale C) MPSKLL [T]

1 = Not at all good

2 = Not so good

3 = Doing OK

4 = Pretty good

5 = Very good

28. How good are you at writing stories or poems? (Scale C) MWSTRS [T]

1 = Not at all good

2 = Not so good

3 = Doing OK

4 = Pretty good

5 = Very good

### Math Background Questionnaire

Based on NAEP Math & Reading Assessments.

National Assessment of Educational Progress. (2003). Mathematics: Student Background Questionnaire.

Retrieved October 1, 2003 from

<http://nces.ed.gov/nationsreportcard/pdf/bgq/student/math/Z1mb1.pdf>

**CHILD HOMEWORK ORGANIZATION QUESTIONNAIRE**

I'm going to ask you a few questions about the way you do your homework. Point to the word that best describes how often you do these things when you are doing your homework (Use scale D).

(see additional variable list) below

MCHO[item #][T]

	Never	Hardly Ever	Sometimes	A lot	All the time
1. Find a quiet area to work?	5	4	3	2	1
2. Clear off the desk or table where you do your homework?	5	4	3	2	1
3. Make enough room to work?	5	4	3	2	1
4. Turn off the TV when you do your homework?	5	4	3	2	1
5. Find an area where you can get help from others?	5	4	3	2	1
6. Set goals and make a plan?	5	4	3	2	1
7. Keep track of what is left to do?	5	4	3	2	1
8. Daydream while you do your homework?	5	4	3	2	1
9. Play around with other things while doing your homework?	5	4	3	2	1
10. Stop homework to watch your favorite TV show, to IM (use e-mail), to surf the Web, or to play?	5	4	3	2	1

Scaled Variables based on this table:

- MHW1FC[T] Environmental + Time Factor Scale
- MHW2FC[T] Attention Factor Scale
- MHWATT[T] Attention Scale
- MHWENV[T] Environment Scale
- MHWTIM[T] Time Scale



### Child Homework Organization Questionnaire

Based on Homework Organization Scale.

Xu, J., & Corno, L. (2003). Family help and homework management reported by middle school students. *The Elementary School Journal*, 103, 503-517.

We used only some of the items from the published instrument. They were scaled as follows:

Items 8, 9, and 10 are reverse-scored

MHW1FC[T] = mean of items 1-7

MHW2FC[T] = mean of reversed items 8, 9, and 10

MHWATT[T] = mean of reversed items 8, 9, and 10

MHWENV[T] = mean of items 1-5

MHWTIM[T] = mean of items 6 and 7