

**The Dimensions of Mastery Questionnaire (DMQ):
Appendix
Copies of the Six Parallel Versions of the DMQ and How to Score Them**

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Scoring the DMQ

Agreement Memo (2 pages)

English Motivation Questionnaire

Infant (6-18 months)
Preschool (1 ½ -5 years)
Child (6-12 years, by adults)
Child (self-ratings)
Teen (self-ratings)
Teen (by adults)

Spanish Motivation Questionnaire (available upon request)

Infant (6-18 months)
Preschool (1 ½ -5 years)
Child (6-12 years, by adults)
Child (self-ratings)
Teen (self-ratings)
Teen (by adults)

Chinese Motivation Questionnaire (available upon request in both traditional and simplified characters)

Infant (6-18 months)
Preschool (1 ½ -5 years)
Child (6-12 years, by adults)
Child (self ratings)

Scoring the DMQ

The DMQ is easy to administer and score. No instructions other than those on the questionnaires (attached) are necessary. The ratings usually take about 10-15 minutes to complete.

To score the DMQ 17 (all age versions), use the formulas shown below for the seven scales. The items marked with an R need to be recoded or reversed; i.e., scores of 5 become 1, 4 become 2, 2 become 4, 1 become 5, and 3 stay 3.

To compute the scales, use the following formulas:

1. Object-Oriented Persistence = (item 1 + 7 + 9R + 14 + 17 + 23 + 24 + 29 + 31)/ 9

2. Social Persistence with Adults = (8 + 15 + 19 + 22 + 33R + 37)/ 6

3. Social Persistence with Children = (25 + 28 + 30 + 32 + 35 + 39R)/ 6

4. Gross Motor Persistence = (3R + 12 + 16 + 26 + 27 + 36 + 40 + 45)/ 8

5. Mastery Pleasure = (2 + 11R + 18 + 21 + 41 + 43)/ 6

6. Negative Reactions = (5 + 34 + 38 + 42 + 44)/ 5

7. General Competence = (4 + 6R + 10 + 13R + 20)/ 5

Note. For infants, negative reaction in mastery settings is computed from items (38 + 42 + 44)/3, and for self ratings of elementary and high school students negative reactions is (34 + 38 + 42 + 44)/4.

Copies of the DMQ

Attached are copies of the current Dimensions of Mastery Questionnaire (DMQ 17) for adults to rate infants (6-18 months), preschoolers (1½-5 years), elementary school-age children (6-12 years), and teens (13-19 years). There are also self-rating forms for children and teens. The forms are identified on the back. If the assessed child has significant developmental delays, it may be best to use an age version that corresponds to the child's developmental age.



Knowledge to Go Places

School of Education
Fort Collins, Colorado 80523

Dear Colleague:

Thank you for your request for the Dimensions of Mastery Questionnaire. As you may know, the instrument has been used by a number of investigators. The review chapter by Morgan, Maslin-Cole, Harmon, Busch-Rossnagel, Jennings, Hauser-Cram, and Brockman (1993) in David Messer's book on mastery motivation provides information about thirty-one samples that had been studied up to that time.

Since then we revised and expanded the DMQ and now have information about the psychometric properties of the expanded questionnaire. We will send you additional information and any revisions as they become available if you complete the form on the back and return a copy to me. Copies of the DMQ in English are attached. The Spanish versions, translated by Sophie Nelson and several assistants at Fordham and the University of Colorado at Denver, are available upon request. The Chinese versions were translated by Ai-Wen Hwang and Jun Wang; they are available in traditional Chinese characters and in simplified characters.

We want the DMQ to be used as broadly as possible, *and* we want to know as much as possible about the instrument by coordinating feedback from those who are using it. Thus, there should be some standardization across investigators. We propose below guidelines for use of the DMQ which we ask colleagues to follow.

1. We would like you to share with us a report of the results of your use of the DMQ after each study.
2. In some cases, we would like to pool raw data to obtain a larger or more diverse sample. We hope that in such cases you will share your raw (item by item) DMQ data with us.

In recognition of and agreement with the above conditions, we request that you complete and sign the form on the next page. Please send a copy to me. Thank you for your cooperation. As we continue to gather information on the DMQ we shall, of course, share it with you.

Sincerely,

George A. Morgan
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Dimensions of Mastery Questionnaire

I agree to the conditions on the previous page.

Date _____

Name (Printed or Typed) _____

Organization _____

Address _____

Phone _____ E-Mail address _____

Age(s) of participants/ children in the study _____

Other characteristics of the sample(s) (ethnicity, risk factors, etc.) _____
