**Facilitating Conditions Questionnaire (FCQ)**

Recent research on school motivation has assumed that individual students’ personal goals, expectancy and values tend to have considerable influence on their academic behaviors and academic achievement. McInerney (1988, 1989, 1991, 1992), however, proposed that whereas the individual’s internal drive may promote academic behavior and achievement, there are external forces in the school environment that may facilitate or inhibit the translation of these motivational forces into actual behavior. To examine the potential impacts of these external environmental factors, McInerney (1988, 1989, 1991, 1992) designed a Facilitating Conditions Questionnaire (FCQ) based on Maehr’s (1984) hypothesis of action possibilities (also see Maehr & Braskamp, 1986). Given the strong theoretical and empirical relationships among FCQ construct, EFA using iterated communality estimates (PC) and a varimax rotation following a Kaiser nomalization setting the parameter for the number of factors rotated at 11 performed on the total sample. CFA was then conducted to examine the extent to which the observed indicators (items) reflected the structure of the underlying constructs.

UNINT = University intention

SVALUE = School valuing

PSUPP = Parent support

TSUPP = Teacher support

PHELP = Peer help

LSCHl = Leave school

POTHR = Pride from others

NPRNT = Negative parent influence

AFSCH = Affect to school

NPEER = Negative peer influence

PPEER = Positive peer influence

### Sample size for full scale reliabilities N=3120

Sample size for CFA N=3120

N= 3120, Items=55, Grade= 7 to 12, Males = 48.2% and Females =51.8%, average age 13 years.

Salient 55 items in CFA model to define eleven facilities condition questionnaire scales. The Chi Sq with 1375 df= 14949, χ2/df = 10.87, Root Mean Square Error of Approximation (RMSEA) = 0.056, Standardized Root Mean Square Residual (SRMR) = .066, Non-Normed Fit Index (NNFI)= .92, Comparative Fit Index (CFI) = 0.92.

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| **UN NT** | **Alpha = .92 Mean = 4.00 SD = .97** | CFA\* |
| 1. B62 | I intend to go on to college or university | \* |
| 2. B63 | Most people who are important to me think that I should go to college or uni | \* |
| 3. B64 | I'm the kind of person who would go to college or university | \* |
| 4. B65 | I'm the kind of person who would complete college or university | \* |
| 5. B67 | I personally feel that I should complete college or university | \* |
| **SVLUE** | **Alpha = .87 Mean = 4.41 SD = .58** |  |
| 1. B15 | Education is important for me to get a job | \* |
| 2. B18 | People who have a good schooling get more out of life than ones who don't | \* |
| 3. B19 | If I do well at school I am more likely to get a good job | \* |
| 4. B34 | I think that it is really important to do well at school | \* |
| 5. B39 | Doing well at school is really important to my future | \* |
| 6. B41 | It's important for me to do well at school | \* |
| 7. B60 | School students should complete high school | \* |
| 8. B66 | Many of the subjects I learn at school will help me after I leave school | \* |
| 9. B69 | What I learn at school will be useful after I leave school | \* |
| **PSPP** | **Alpha = .86 Mean = 3.68 SD = .89** |  |
| 1. B43 | My mother helps me with my schoolwork | \* |
| 2. B44 | My father helps me with my schoolwork | \* |
| 3. B46 | It's important to me to have my mother's help with schoolwork | \* |
| 4. B47 | It's important to me to have my father's help with schoolwork | \* |
| 5. B57 | My father helps me to work hard at school | \* |
| 6. B58 | My mother helps me to work hard at school | \* |
| **STUPP** | **Alpha = .80 Mean = 3.83 SD = .73** |  |
| 1. B22 | Teachers are positive to me at school | \* |
| 2. B28 | I get encouragement from some of my teachers to do well at school | \* |
| 3. B30 | If I decided to go on to college or university teachers at this school would encourage me | \* |
| 4. B45 | My teachers help me with my schoolwork | \* |
| 5. B49 | It's important to me to have my teacher's help with schoolwork | \* |
| 6. B59 | My teachers help me to work hard at school | \* |
| **PHELP** | **Alpha = .81 Mean = 3.52 SD = .83** |  |
| 1. B40 | Some of my friends help me with my schoolwork | \* |
| 2. B42 | My friends help me with my schoolwork | \* |
| 3. B48 | It's important to me to have my friend's help with schoolwork | \* |
| 4. B55 | Working with my friends at school improves my schoolwork | \* |
| 5. B56 | My friends help me to work hard at school | \* |
| **LSCHL** | **Alpha = .85 Mean = 1.78 SD = .88** |  |
| 1. B5  | y mother doesn't mind if I leave school when I want to | \* |
| 2. B6  | y father doesn't mind if I leave school when I want to | \* |
| 3. B25 | My father thinks that I should leave school and get a job | \* |
| 4. B26 | My mother thinks that I should leave school and get a job | \* |
| **POTHR** | **Alpha = .82 Mean = 3.96 SD = .81** |  |
| 1. B51 | It's important for my father to be proud of my schoolwork | \* |
| 2. B52 | It's important for my mother to be proud of my schoolwork | \* |
| 3. B53 | It's important for my teachers to be proud of my schoolwork | \* |
| 4. B54 | It's important for my friends to be proud of my schoolwork | \* |
| **NPRNT** | **Alpha = .81 Mean = 1.77 SD = .80** |  |
| 1. B20 | My father doesn't pay any attention when I bring home report cards | \* |
| 2. B21 | My mother doesn't pay any attention when I bring home report cards | \* |
| 3. B31 | My mother doesn't care if I get a job or not when I leave school | \* |
| 4. B32 | My father doesn't care if I get a job or not when I leave school | \* |
| 5. B37 | I don't care if I get a job or not when I leave school | \* |
| AFSCH | **Alpha = .75 Mean = 3.48 SD = .94** |  |
| 1. B9  | I like studying | \* |
| 2. B38 | I like working at school | \* |
| 3. B7  | Subjects at school interest me | \* |
| **NPEER** | **Alpha = .72 Mean = 2.58 SD = .85** |  |
| 1. B4  | Some of my friends tell me I should leave school when I can | \* |
| 2. B14 | Some of my friends tell me to leave school and to get a job | \* |
| 3. B23 | Some of my friends leave school early and go on welfare | \* |
| 4. B24 | Some of my friends want to leave school as soon as they can | \* |
| **PPEER** | **Alpha = .70 Mean = 3.97 SD = .67** |  |
| 1. B3  | Most students in my class will go on to college or university | \* |
| 2. B8  | Most of my friends want to do well at school | \* |
| 3. B27 | Some of my friends want to go on to college or university | \* |
| 4. B35 | Most students in my class will complete high school | \* |

**Reference:**

McInerney, D. M., Dowson, M., & Yeung, A. (2005). Facilitating conditions for school motivation: construct validity and applicability. *Educational and Psychological Measurement, 65*, 1046–1066. <https://doi.org/10.1177/0013164405278561>

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